



APPENDIX No. 18.

ABSTRACT of BY-LAWS, ORDERS, &c., which have come into force since the date of the Report for the year 1918.

SALMON AND TROUT, &c.

WATERVILLE DISTRICT.

Kells Bay to Bolus Head—Close Season—Angling.—Dated 1st September, 1919.

Fixing the Close Time during which it shall not be lawful to kill, destroy or take Salmon and Trout by means of Single Rod and Line in or from the Rivers and their Lakes and Tributaries flowing into the Sea between the most westerly point of Kells Bay and Bolus Head, from the 15th day of October to the 31st day of March in the year following, both said days inclusive.

KILLARNEY AND WATERVILLE DISTRICTS.

Fresh Waters.—Dated 30th August, 1919.

Prohibiting to use any Long Line, Night Line or Spiller for the capture of fish, or with the intent to take fish in the upper or fresh-water portions of all rivers, lakes and their tributaries in the No. 7¹ or Killarney District and the No. 7² or Waterville District.

LIMERICK DISTRICT.

River Feale.—Dated 18th November, 1919.

Prohibiting to capture, or attempt to capture, fish in that part of the River Feale which is situated within a distance of fifty yards downstream from the crest of the Mill Dam across the said River in the Townlands of Curragha-toosane and Islandmacloughry, near the Town of Listowel.

River Fergus—Close Season—Angling.—Dated 1st September, 1919.

Fixing the Close Time during which it shall not be lawful to kill, destroy or take Salmon and Trout by means of Single Rod and Line in or from the River Fergus and its Lakes and Tributaries from the 1st day of October to the 31st day of January in the year following, both said days inclusive.

APPENDIX No. 19.

TRANSFERS OF FIXED NET CERTIFICATES, which have been made since date of last Report.

BALLYCASLE DISTRICT.

Certificate No. 116 for one Fixed Draft Net to be used in the Sea off the County of Antrim, was, on the 21st September, 1920, transferred to Maurie Finlay of Cushendun, County Antrim; Gordon Earle of Stranraer, County of Wigton, and John McNeill, of Riverside, Cushendun, County Antrim.

COLERAINE DISTRICT.

Certificate No. 77 for two Fixed Draft Nets to be used in the sea off the County of Londonderry, was on the 14th October, 1920, transferred to James Shaw of Portstewart, County Londonderry.

BANGOR DISTRICT.

Certificate No. 110, for two Bag Nets, to be used in the sea, off the County of Mayo, was, on the 20th October, 1920, transferred to Edmond Arthur Gore,—Pery Knox Gore, of Cooleronan County Mayo.

FOR OFFICIAL USE.

DEPARTMENT OF AGRICULTURE AND TECHNICAL
INSTRUCTION FOR IRELAND.

REPORT
ON THE
SEA AND INLAND FISHERIES
OF IRELAND.

FOR

1920.

AGRICULTURE AND TECHNICAL INSTRUCTION
(IRELAND) ACT, 1899.
(62 AND 63 VIC., CAP. 50.)



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SEA AND INLAND FISHERIES OF IRELAND, 1920.

REPORT

TO THE

SECRETARY OF THE DEPARTMENT OF AGRICULTURE
AND TECHNICAL INSTRUCTION FOR IRELAND.

SIR,

We have the honour to submit the Report for the year ended 31st December, 1920, on the Sea and Inland Fisheries of Ireland.

GENERAL OBSERVATIONS.

Ireland's standing in the fish trade, as determined by her geographical position and other factors, is an unfortunate one in times like the present.

Despite all efforts to awake a healthy demand for fish in the country, it remains extremely small compared with the extent of valuable fishing grounds surrounding our shores. The fresh fish trade is practically dependent on English markets; of cured fish, all the mackerel and the larger selections of herrings go to the United States of America and the remainder of the herring finds its best outlet through the German and Russian markets of the Baltic.

Fresh fish being the most perishable of all commodities, the trade in it is peculiarly susceptible to difficulties of transport. From this follows the passing of the trawling industry into the hands of the steam trawler owner, who lands his catch all the year round directly at a port offering immediate rail connection with large markets, as well as plentiful and regular supplies of ice and coal. Drift-net fisheries, which produced over 80% of the fish landed in Ireland in 1920, remaining localised both in place and time, suffer corresponding disadvantages. The hopeful signs in the Baltic herring trade are, at the moment, over-shadowed by the proposals for a new tariff in the United States of America under which a duty of about $5\frac{1}{4}$ to $5\frac{1}{2}$ dollars per barrel would be imposed on pickled mackerel and herring.

The landings of fish on the Irish Coast, which declined in quantity from 1910 to 1915, but increased from the latter year until 1919, showed a decrease in 1920. The figures were 671,896 cwts. in 1920 and 806,737 cwts. in 1919.

The Summer Herring fishing was better than in the previous year, but the Winter fishing was the worst for many years. Both the Spring and Autumn mackerel fisheries were less productive than in 1919.

Various causes tended against the full exploitation of the fisheries during the year. Although the price of fresh fish in the home markets had fallen as the result of the resumption of operations by a large number of British vessels demobilised from war service, the cost of fishing gear and fuel oil remained high. The competition in cross channel markets of the more sought for classes of fish landed by the augmented fleet of steam trawlers had a most serious effect on the demand for mackerel and herring which form the bulk of the Irish catch. Owing to constant interruptions in railway transit, fish buyers were unwilling to purchase, as the consignments were liable to be held up and become unsaleable, and an increase in railway rates imposed a further handicap on the industry. The difficulty of disposing of the catch was accentuated by the facts that there was practically no opening for the sale of pickled herrings in the usual continental markets, and that the demand for salt mackerel in the United States was not good.

SEA FISHERIES.

VESSELS AND CREWS.

During the year 1920 a total of 4,319 vessels with crews amounting to 15,677 persons was actually engaged in the sea fisheries. In 1919 the figures were 4,648 and 16,957 respectively.

This year's total consists of 324 first, 1,894 second, and 464 third-class boats, and 1,615 small open boats.

Details of the numbers of fishing craft, men and boys employed will be found in Appendix No. 2 page 6.

The numbers of Irish owned steam vessels which fished from Irish ports during the year 1920 were as follows :—

Under 100 tons, gross tonnage.	Over 100 tons and not exceeding 200 tons gross tonnage.	Over 200 tons gross tonnage.
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7

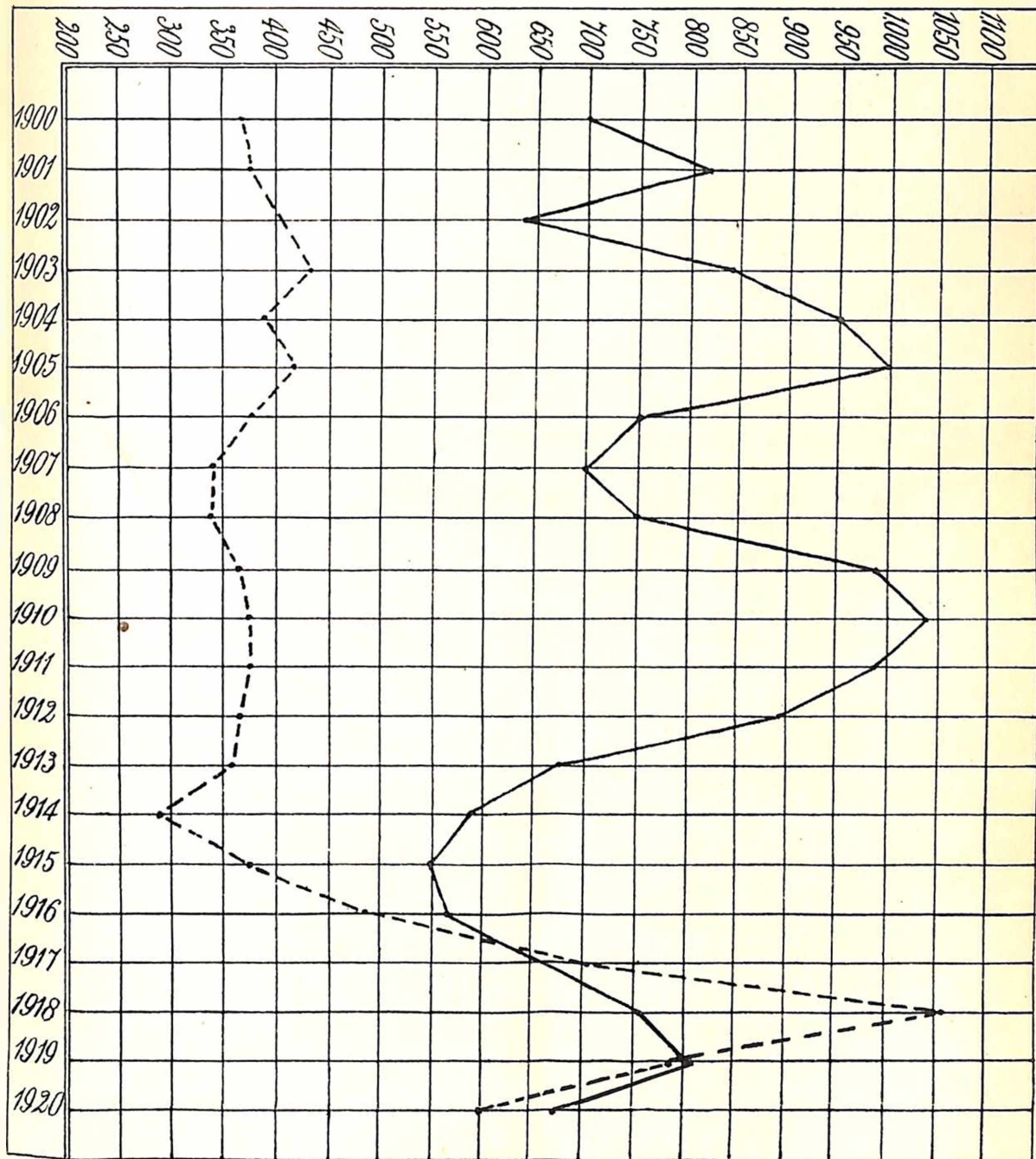
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The numbers of Irish owned motor boats employed in the fisheries are given below. The figures for the year 1910 are also given in order to de-

Quantity of Fish (excluding shell fish) landed: in thousands of cwts. _____

Value of Fish (including shell fish) landed: in thousands of £ _____



monstrate the great increase during recent years in the number of such craft :—

Tonnage.	1910.	1920.
Over 25 tons	8	86
Over 10 and not exceeding 25 tons ...	5	162
Over 5 and not exceeding 10 tons	13	161
Not exceeding 5 tons	10	130
	<hr/> 36	<hr/> 539

Eight steam trawlers, all exceeding 100 tons gross tonnage were engaged. 165 motor boats fished trawl nets, some of which, however, also engaged in herring and mackerel fishing; 58 were between 10 and 40 tons each, and the remainder smaller boats. In addition 171 sailing vessels pursued this method of fishing.

Ring netting was again carried on from a few East Coast ports by motor boats.

REVIEW OF STATISTICS OF FISH (EXCLUDING SALMON) LANDED.

According to the returns received, the total quantity of sea fish (other than shell-fish) landed in 1920 was 671,896 cwts., valued at £535,944. The corresponding figures for 1919 were 806,737 cwts., and £718,706. The returns therefore, show decreases of 134,841 cwts, and £182,762.

Including shell-fish, but excluding salmon, the total value for 1920 was £596,849. In 1919 this value was £787,570.

Appendix No. 1 (a) page 4 gives particulars of the average prices of the various kinds of sea-fish during recent years, while the diagram between pages iv. and v. shows the variations in the quantity and value of the annual landings for the period 1900-20.

LOANS.

During the year ended 31st March, 1921, 47 applications were received from 38 persons for loans amounting to £8,935 17s. 11d. Of these 37 loans were granted to 30 persons to the amount of £5,695 2s. 9d. The sum actually issued during the period was £11,860 14s. 5d., which covered part of loans previously sanctioned. About 85 per cent. of this sum was for the provision of motor boats.

The pro issory notes signed to secure principal and interest, inclusive of £8,176 19s. 11d. of unrepaid notes taken over by the Department at the commencement of their administration of fishery loans in non-congested districts, amount to £148,737 6s. 10d. The amount repaid is £117,534 0s. 2d., while securities on hand, which have not yet matured for payment, represent £26,214 3s. 5d.

The total arrears of repayment of instalments stood at £2,142 2s. 2d. at the end of the financial year, and the aggregate amount written off as irrecoverable is £1,817 11s. 5d.

Further particulars in connection with these loan transactions will be found in Appendix No 12, pages 27 to 30.

DUBLIN MARKET RETURNS.

The amount of sea fish captured by trawl and hook which passed through the Dublin market during the year was 3,258 tons, being 193 tons more than that of the previous year.

The fish received from steam trawlers included :—

	Boxes.		Boxes.
Black Soles	224	Whiting	6,262
Turbot	114	Hake	3,127
Brill	107	Gurnard	1,277
Plaice	1,736	Coalfish	2,321
Megrim	530	Ray	2,034
Dabs	1,496	Conger	1,290
Cod	9,889		

The supplies of trawl and hook fish from other Irish sources were :—

	Tons.	
Dublin Bay Boats (not Steamers)	130	Principally Plaice, Dabs and Ray.
Howth	268	Principally Cod.
Balbriggan	265	Principally Plaice, Dabs and Ray.
Galway	166	Principally Plaice, Ray, Whiting and Haddock.
Dingle	132	Principally Plaice, Black Soles and Ray.
Other localities	570	Principally Cod, Plaice and Haddock.

About 16 tons of imported fresh fish were sold in the Market.

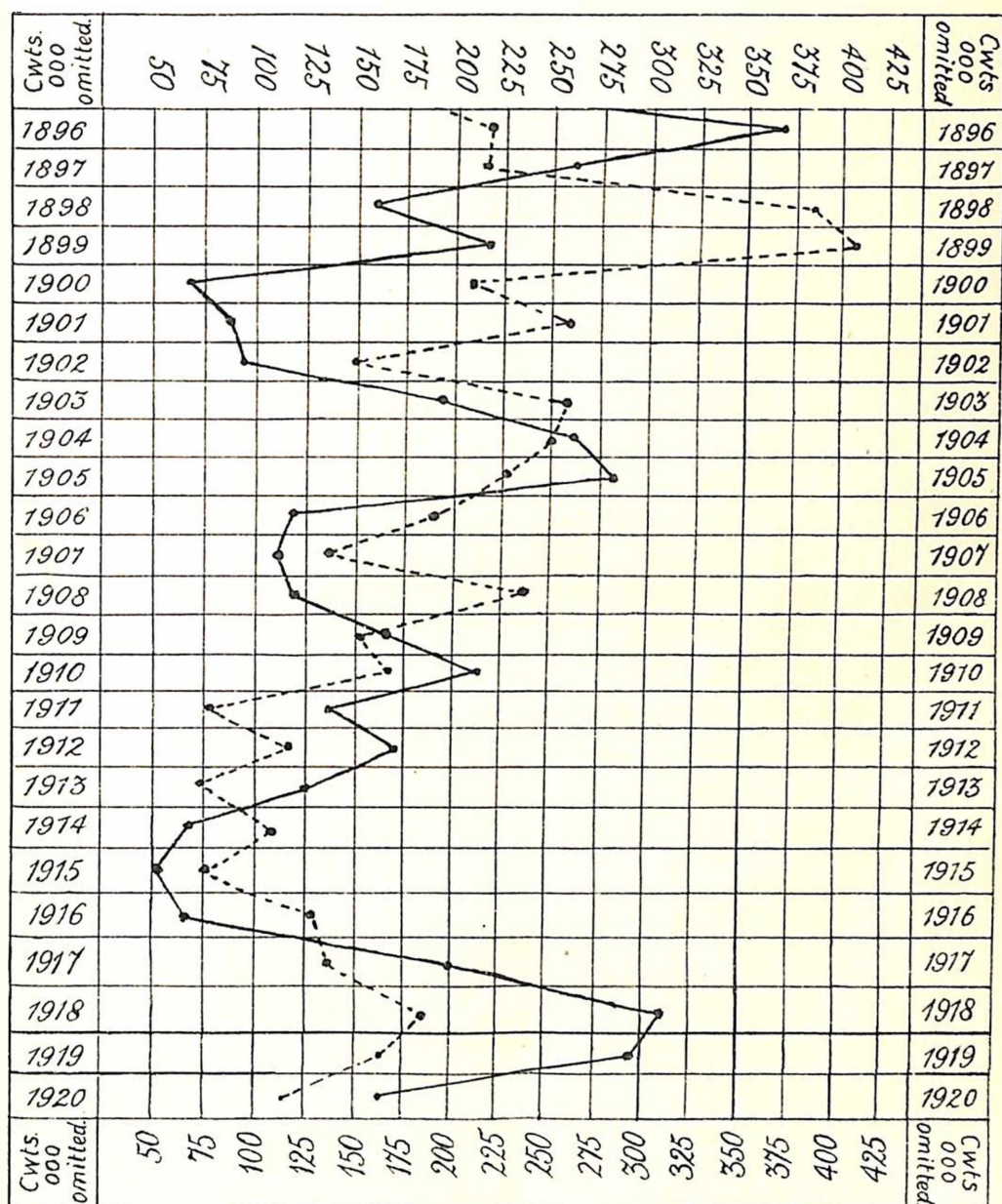
Besides the foregoing, there passed through the Dublin Market during the year 4,136 barrels and 19,281 boxes of Irish fresh herrings, 89 barrels of Irish cured herrings, and 614 barrels and 126 cwts., boxes of imported fresh herrings. The mackerel amounted to 90 barrels and 10,374 boxes of Irish caught fish.

The quantities of salmon, trout and shell-fish passing through the Market are not recorded in a form capable of being reduced to a statistical statement.

SPRING MACKEREL FISHERY.

It is a matter for regret that the very considerable improvement, during the years of the war, in the Spring Mackerel Fishery has not since been maintained. The decline, in the quantity landed, observed during the season of 1919, has been followed by a further reduction of over 30 per cent. in

Diagram illustrating the fluctuations in the Irish Mackerel Fisheries during the years 1896-1920.



Spring Mackerel -----
Autumn Mackerel _____

the fishery of 1920, while the total value of the landings was almost exactly half of the value recorded for the previous year. It is interesting to note that notwithstanding this general decline, the number of barrels of fish cured for exportation was 4,000 as against 3,000 cured in 1919.

Details of the results of the fishery at the more important stations will be found in Appendix No. 3, page 11, while the diagram between pages vi. and vii. illustrates the fluctuations of the mackerel fisheries during the years 1896-1920.

AUTUMN MACKEREL FISHERY.

During the years 1916-8 the Autumn Mackerel Fishery increased very remarkably in productivity. About 65,000 cwts. were landed in 1916, 198,000 cwts. in 1917, and 309,000 cwts in 1918, while the season of 1919 showed a not considerable decrease. Unfortunately this upward tendency has been followed in the autumn fishing of the year 1920 by a decrease of more than 40 per cent. in the total landings, only some 168,000 cwts., valued at £75,000, being captured.

The fishery appears to have been a complete failure at the formerly important centres of Kinsale and Baltimore. At the latter port scarcely 1,000 cwts were landed although 42,000 cwts. were landed there in 1919. At Valentia only 14,000 cwts. were taken as against 36,000 cwts in the previous season; while less striking decreases were experienced on every coast. Only some 39,000 barrels were cured for exportation.

In the case of both mackerel fisheries, no doubt the decline was to some extent accentuated by reduction of fishing energy due to causes which have been already mentioned.

While the stranding of herrings in creeks and estuaries is, unfortunately, not a very rare occurrence, similar disasters to mackerel have not come under our notice until the year under review. In the course of a springtide at the end of September a great shoal of mackerel, mostly very large fish for the time of the year, was trapped by a falling tide in a creek between Innisduggan near Doonloughan, Co. Galway, and various islets and rocks to the south. For four days the local people removed them in boats or by land, but even then tens of thousands had to be left to rot. All the salt available was used up in curing.

Details of the landing at the principal stations will be found in Appendix No. 4, page 12.

SUMMER HERRING FISHERY.

The improvement in the Summer Herring Fishery during the season of 1919 which was commented upon in the Report for that year, was satisfactorily maintained during the season of 1920; 184,000 cwts., valued at £116,000, being landed. These figures represent an increase of some 29,000 cwts., and £7,000 on the figures for the previous season.

This increase was largely due to landings of nearly 17,000 cwts. at Bun-crana and 11,000 cwts at Kincasslagh where only 1,500 and 6,000 cwts respectively were taken in 1919.

14,324 barrels were cured for exportation.

Further details of the fishery at the more important stations will be found in Appendix No. 5, page 14, and a diagram is inserted between pages viii. and ix. to show the variations in the herring fisheries during the past 25 years.

WINTER HERRING FISHERY.

The very successful Winter Herring Fishery of 1919, which was commented on in the Report for that year, gave rise to the hope that this fishery might have entered upon a period of increasing productiveness. Unfortunately the figures for 1920 show that such a hope has not been justified. Only some 47,000 cwts., valued at £28,000, were landed as against over 116,000 cwts., valued at £79,000, in the previous season.

Although there was a general falling off in the landings at all the principal ports, the only very striking decrease occurred at Dunmore East where 18,657 cwts. in 1919 were represented in 1920 by only 692 cwts.

Only 564 barrels were cured for exportation.

Further details of the fishery will be found in Appendix No. 6, page 15.

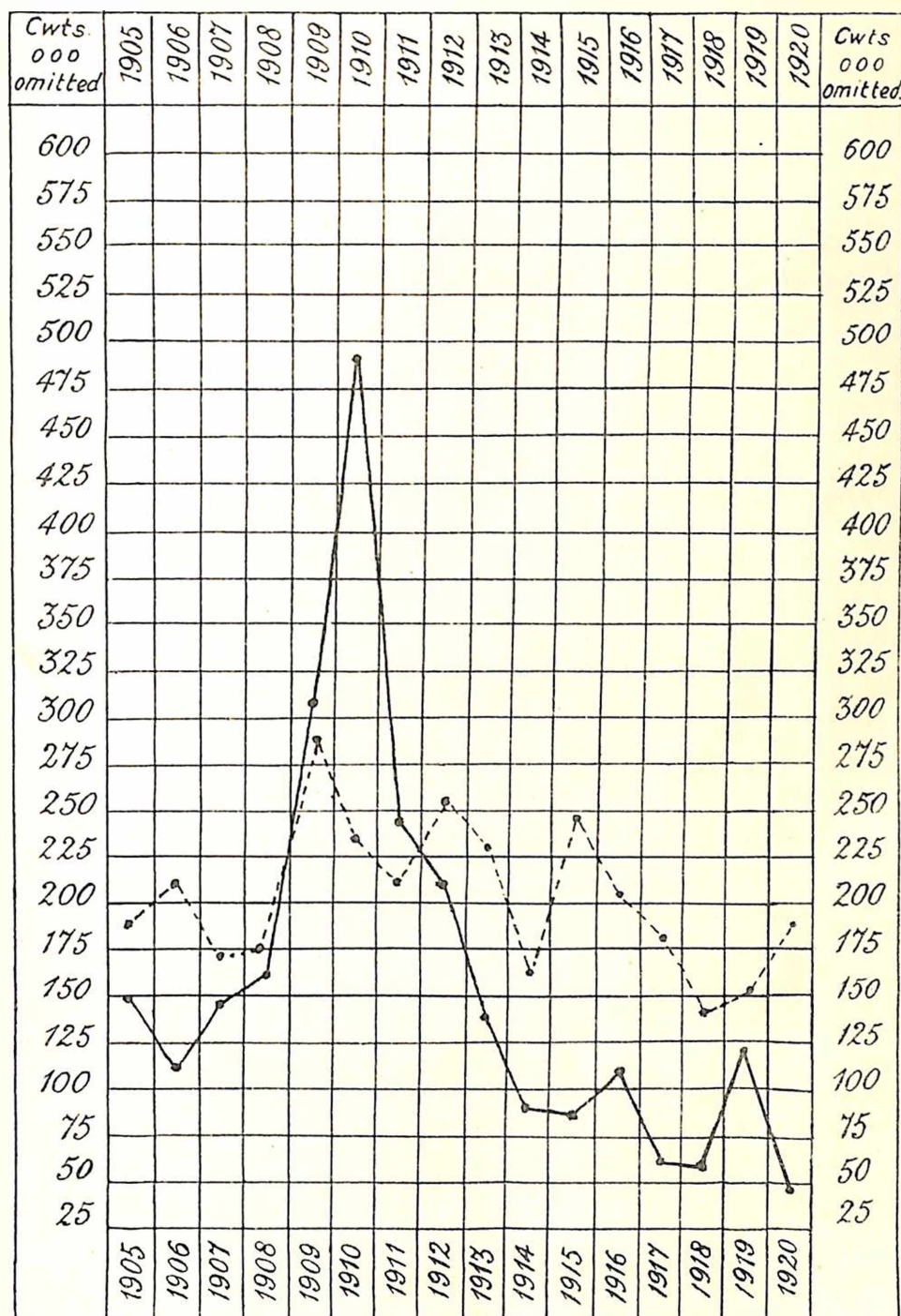
MARKETS FOR IRISH CURED HERRINGS.

In the Autumn of 1920, the result of inquiries regarding possible new outlets for Irish cured herrings indicated that a market might be found in Ontario, Canada, for fish of good quality, particularly of the larger selections. With a view to a practical test, 100 half-barrels of Crown-branded Fulls were purchased and consigned on a commission basis to agents in Toronto, in November last. These were sold in January at \$10.25 per $\frac{1}{2}$ -barrel, duty-paid—equivalent at the prevailing rate of exchange approximately to 44s. 6d. c. i. f. This appears to have been about 2s. 6d. better than the price ruling at the time for similar fish of other origin. The buyer subsequently reported that the Irish herrings gave satisfaction and, although new to the trade, appeared to be preferred to others.

The duty on herrings is 35c. per 100 lbs. nett and on the $\frac{1}{2}$ -barrels at $17\frac{1}{2}\%$ of their value.

Portion of the consignment suffered loss of pickle in transit; 8 or 10 of the barrels were leaking and 3 were practically worthless. Curers looking for business in the Canadian market would be well advised to strengthen their barrels with additional quarter-hoops.

Diagram illustrating the fluctuations in the Irish Herring Fisheries during the years 1905-6 to 1920-21.



Summer Herring: - - - - -
Winter Herring: —————

NOTE.—Herrings landed from May to October, inclusive, are included under "Summer Herring." Herrings landed from November to the following April are included under "Winter Herring."

Statistical information prior to the Winter Season of 1911-1912, published in the Annual Reports, dealt with Seasons of different extent, and, consequently, the figures given in those Reports do not amount to the same totals as shown in above diagram.

WHALING.

Whale fishing operations, which had been discontinued since the outbreak of war, were resumed during the year 1920 at the Elly Bay Station, situated on Blacksod Bay.

A total of 125 whales was taken, consisting of 12 Sperm, 9 Blue, 101 Finner and 3 Sci whales, while 3,995 barrels of oil, 298 tons of manure, and about 12 tons of whalebone were produced. The factory gave employment to an average of 100 men during the season which extended from the middle of May to the middle of September.

KELP.

According to information received some 2,031 tons of kelp were exported during the year 1920, as follows :—

						Tons.
County	Clare	...	...	...	...	355
„	Galway	...	...	...	...	780
„	Mayo	...	...	...	...	163
„	Sligo	...	...	...	...	303
„	Donegal	...	...	...	...	430

The value of the kelp exported was approximately £14,200,

SHELL FISHERIES.

Officers appointed by the Department exercised supervision over the public oyster fisheries at Kinsale and Waterford Harbours, at Clarenbridge (Co. Galway) and at Inishlyre (Co. Mayo); over the mussel fisheries of Castlemaine Harbour, and the scallop fisheries in Connemara.

TECHNICAL INSTRUCTION.

The class in net mending, which has been carried on in previous years at Kinsale, was continued during the winter. The average attendance of pupils, all of whom came from the fishing population, was about 23.

Two pupils were nominated to the class of instruction in the care and management of marine motor engines at the Pembroke Technical School, Ringsend.

MARINE SUPERINTENDENCE.

The “ Helga ” has been maintained in an efficient condition and during this year Lloyd’s second special survey No. 1 was carried out on hull and machinery.

During the year 1920 the Department reported to the Customs Authorities two foreign steam trawlers for working in the extra-territorial parts of areas in which steam trawling has been prohibited. The effect of such action is to render fish taken by the trawlers liable to confiscation if landed in the United Kingdom within two months of the date of the offence.

Five cases of illegal trawling by British steam vessels, and one by a local sailing vessel, were dealt with. The fines and costs imposed amounted to a total of £443 6s. 0d.

PIERS AND HARBOURS.

Arklow (Co. Wicklow).—Throughout the year under review further useful service was rendered at this port by the Department's suction dredger "Fag-an-Bealach" in maintaining the channel at the harbour entrance. The vessel worked here on 52 days during the year, and removed 44,944 cubic yards of sand.

Helwick (Co. Waterford).—The construction of the new harbour had almost attained completion by the close of 1920, and the accommodation provided was being availed of by several fishing boats.

Kilmore Quay (Co. Wexford).—As a result of clearance operations, in connection with which the Department's hopper barges "Cisean" and "Ciseog", together with their tug boat "Plumper", were utilised, very considerable improvement was effected in the outer berthage at this place.

Knockadoon (Co. Cork).—The erection of a breakwater or shelter wall to protect the boat-slip here, together with some minor works of improvement were projected and by the close of the year considerable progress had been made in the preliminary work, including the collection of plant and materials.

Port-an-Dhu (Co. Antrim).—The works of improvement, commenced in 1919, comprising a shelter wall, quays, and a hauling-up slip for open fishing boats, were completed during the year.

Balbriggan (Co. Dublin).—The dredger "Fag-an-Bealach" worked here for ten days in 1920 and removed about 2,700 cubic yards of sand from the outer harbour and entrance.

In the case of Port-an-Dhu the funds were provided by the Irish Inter-departmental Committee for the employment of demobilised men. From the same source money was furnished for work of general improvement at Dundalk Harbour carried out under the supervision of the Harbour Engineer in consultation with the Department's engineers.

In continuation of returns given in previous Reports, it is recorded that during the year ended 31st March, 1921, the expenditure by the Commissioners of Public Works on Burtonport Harbour was £1,420 12s. 2d. Contributions of £1,130 from the Development Commissioners and £310 from the Donegal County Council were received against this expenditure.

RESETTLEMENT OF FISHERMEN BY MEANS OF GRANTS AWARDED BY THE MILITARY SERVICE (CIVIL LIABILITIES) DEPARTMENT.

In continuance of the arrangements mentioned in our last Report, considerable assistance was afforded to the Military Service (Civil Liabilities) Department in their endeavour to enable Irish ex-service fishermen to replace the gear essential to the pursuit of their occupation which had perished during their absence from home on service with H.M. Forces.

A total of some 800 cases have been investigated and reported on and since February, 1920, when the Department took over the direct administration of awards about 400 such awards have been dealt with, and a sum of £12,000 was expended directly by the Department, up to the 31st March, 1921, from the funds placed at their disposal by the Military Service (Civil Liabilities) Department.

SCIENTIFIC WORK

For some time the need of keeping in close touch with other bodies engaged in carrying out scientific fishery investigations has been apparent to us. In pursuance of recommendations by the Advisory Committee on Fishery Research set up by the Development Commissioners in 1919, a very helpful system of inter-departmental conferences with the English and Scottish Fishery Authorities has been arranged, and three such meetings were held during the year in London and Edinburgh in which representatives of the Fisheries Branch took part.

The first meeting of the International Council for the Exploration of the Sea since the war was held in London in March, 1920, and was attended by the Chief Inspector and representatives of our scientific staff. At this meeting, for the first time, an agreement was reached providing for the co-operation of the French Fishery Authorities in the work of the Council. In accordance with the programme then drawn up, four cruises for the collection of scientific observations were carried out by the *Helga* in different months on the southern part of the Atlantic Slope.

In addition to their ordinary routine, the marine scientific staff were also specially engaged from time to time on ichthyometric work arising out of "ring-netting" operations in Dundrum Bay and a special post-war survey of the coastal trawling grounds.

The fitting out of the Limnological Laboratory on Lough Derg has been completed, and the full staff took up their duties there in August.

Considerable attention was given during the year to the long outstanding question of the pollution of the lower reaches of the Avoca River by the effluents from the mining area. Samples of water were collected and analysed by Mr. R. J. Moss F.I.C., F.C.S., but though it is possible to devise methods of purification the cost of carrying them out appears, on present information, to be prohibitive.

Post-war conditions have been unfavourable to the publication of the results of scientific work. A valuable account of the life-history and habits of the common Periwinkle by Mr. W. M. Tattersall, of the Manchester Museum and formerly of our staff, was issued in April, having been in the press since the previous December. A paper by Miss J. Stephens, of the National Museum, on certain sponges collected round the Irish coast, in continuation of her work published in 1914, was sent to be printed in June, but the supply was not received during the year.

A paper by Mr. G. P. Farran on the local and seasonal distribution of the Pelagic Copepods of the South West of Ireland, being a summary of results obtained by investigations carried on by the S.S. " Helga " from 1906 to 1912, was issued in October, 1920, as a " Publication de Circonstance " by the International Council for the Exploration of the Sea, the subject being regarded by them as of sufficient interest for inclusion in that series.

BY-LAWS.

Since the date of our last Report, By-Laws came into operation restricting the use in Dublin Bay of Seine or Draft Nets hauled by steam or motor power ; dealing with the possession of certain illegal nets in the vicinity of Cork harbour ; prohibiting the capture of fish from the 15th May in any year between the bridges near Clifden, in the Ballinakill district ; prohibiting during October the use of any gaff or lure etc., other than artificial flies mounted on single hooks, in the river Ballinahinch and its tributaries, in the Connemara district.

The Close Times relating to the capture of salmon and trout were modified in the Coleraine, Connemara and Bangor Districts.

The substance of the above By-Laws will be found in Appendix No. 19 page 81.

INLAND FISHERIES.

SALMON FISHERIES.

From information supplied by the Irish Railway Companies the amount of salmon and trout taken in 1920 would seem to be somewhat less than in 1919 and about the same as in 1918. The number of boxes of Irish salmon sold at Billingsgate, however, increased from 4,778 to 5,344. The total number of boxes which reached this market from all sources was 12,356.

It will be seen from the following statement that the quantity of salmon captured by drift nets off the coast between Roundstone (Co. Galway) and Portrush (Co. Antrim) was very much lower than in any recent year :—

Year.	No. of fish landed.	Weight in cwts.
1905,	38,122	2,160
1906,	57,589	3,313
1907,	41,354	2,367
1908,	33,953	2,031
1909,	84,698	4,937
1910,	66,274	3,844
1911,	85,614	4,909
1912,	68,220	3,944
1913,	63,772	3,822
1914,	53,824	3,274
1915,	31,725	1,783
1916,	20,141	1,103
1917,	26,657	1,520
1918,	30,256	1,580
1919,	38,207	2,142
1920,	10,721	615

The reports received from the Clerks to the various Fishery Districts are summarised in Appendix No. 18, page 56. The reports indicate that the fisheries of the southern and western districts showed improvement generally. The salmon fisheries in the Galway and Londonderry Districts were, however, reported to have shown very bad results, and those in the Ballyshannon, Coleraine and Ballycastle Districts to be declining.

Taking the country as a whole, the weather was not as favourable to netting operations as during the previous year, and in the majority of Districts such operations were less productive. The conditions were generally more favourable to angling, respecting which very good reports were received from the Cork, Bangor, and Ballyshannon Districts. The season was, however, unsatisfactory in the Bantry, Galway and Londonderry Districts.

Following on the removal of control, the maximum prices paid for salmon have shown a marked increase. In some of the districts, however, the minimum prices show decreases.

No case of salmon disease has been reported. Destruction of fish by the use of spurge, dynamite, and lime was as usual effected by poachers in the south-western districts. Serious damage was caused by flax-water in the northern rivers.

Most of the reports as to the number of breeding fish observed and as to spawning conditions are favourable. It was observed that spawning continued to a much later date on the River Lee than on the Bandon River, due probably to the fact that the latter river holds flood water longer and runs slower than the former. It is interesting to note that in certain districts, particularly Galway, Connemara and Coleraine, the quantity of breeding trout observed in the rivers during the winter shows a considerable increase.

From information supplied by owners of fisheries it would appear that, comparing the capture of salmon with grilse in 1919 and 1920, the number of salmon taken in the latter year was relatively much greater.

A scheme was submitted and a grant obtained from the Vote for Reconstruction Works for the employment of ex-service men to be applied to the appointment of bailiffs to protect breeding salmon during the season. The ex-service men engaged have been reported to have performed their duties in a satisfactory manner, and their services were continued after the fishing season opened and many seizures of illegal engines were made by them. The number of men employed exceeded 100.

The estimated output of salmon fry from hatcheries in the season of 1919-20 was 1,520,500. About 552,000 salmon fry were turned out from the Mallow and Banteer Hatchery.

The amount of Licence Duty received by the Boards of Conservators during the year 1920 was £8,845 15s. 0d.

Particulars of the captures during the year at certain of the more important Salmon Fisheries are as follows :--

Waterford District.

At Cahirpark Rod Fishery, on the River Suir, 40 fish, weighing $534\frac{1}{2}$ lbs., were taken.

At Neddin's Water, 66 fish, weighing altogether $870\frac{3}{4}$ lbs., were captured.

Lismore District.

At the Dromana Fishery 400 fish were taken.

The take of salmon and grilse at the Blackwater Fishery was 27% below the average for the 25 years ended 1899. Salmon was 17% below the average for the nine years 1891-1899, and grilse was 93% below the average for the same nine years.

The killing hatch in Lismore weir was not used during the months of March and April. The Poul Polleen Hatch which was built up many years ago was re-opened in 1919 to such extent as to lessen the heavy flow of water at certain seasons through the King's Gap, which is immediately next it. It was left open during the months of February, May, June and July with good results as to passage of fish.

Kenmare District.

The capture at the Blackwater Fishery (Co. Kerry) was 78% below the average for the 25 years ended 1899.

Waterville District.

The number of fish taken at Waterville Weir during the season was 648, being 1% above the average for the 24 years 1875-1898.

Killarney District.

The capture at the Laune Fishery below Killorglin Bridge was 47% below the average for the 24 years ended 1898.

Ballina District.

The capture of the Moy Fishery was 63% below the average for the 25 years ended 1899.

In respect of the year ended 31st March, 1921, the Department made grants, amounting to £4,663 7s. 3d. to assist in the improvement and pro-

tection of inland fisheries. An expenditure, as specified below, of £3,969 2s 8d was actually made from this source :—

	£	s.	d.
Dublin Conservators ...	32	9	0
Wexford ..	60	0	0
Waterford ..	100	0	0
Cork ..	400	0	0
" (Bandon) ..	90	0	0
Skibbereen ..	25	0	0
Kenmare ..	60	0	0
Waterville ..	55	0	0
Killarney ..	150	0	0
" (Cromane) ..	275	0	4
Limerick Conservators (Including grant for upkeep of Shan- non patrol boats) ..	987	5	10
Limerick Conservators (Feale & Cashen Committee) ..	100	0	0
Galway Conservators ...	40	0	0
Galway Conservators (Loughs Mask and Carra Fishery Associations.) ..	200	0	0
Connemara Conservators ..	30	0	0
Bangor ..	40	0	0
Ballina ..	200	0	0
Sligo ..	100	0	0
Londonderry ..	80	0	0
Coleraine ..	120	0	0
Drogheda ..	40	0	0
Lough Derg Fishery Society ..	40	0	0
Lough Sheelin Trout Protection Association ..	13	0	0
Camcor and Little Brosna Fishery Association ..	10	0	0
Derravaragh Anglers' Association ..	13	8	8
Lough Corrib Fisheries' Association ..	25	0	0
Banteer and Mallow ...	150	0	0
Miscellaneous Purposes and Hatcheries ..	532	18	10
Total ..	£3,969	2	8

The fishmongers' Company continued to give effective aid in the suppression of the traffic in salmon and trout illegally caught in Ireland.

EEL FISHERIES.

There can be little doubt that the eel fisheries of the country decreased very considerably during the year 1920. The quantity of eels carried by Irish Railways was only some five-sevenths of the quantity carried in the previous year, while the numbers of appliances licensed for the capture of eels also showed a diminution. 47 coghills, 308 gaps or eyes, 1 trap and 5 long lines were so licensed.

Limerick District.—A slight general improvement was reported.

Galway District.—Eel fisheries were reported to be good and to have shown improvement.

Connemara District.—Decrease reported and attributed partly to unfavourable weather conditions. About £65 worth was marketed in Billingsgate.

Ballina District.—The strike on the Irish railway system was the cause of a serious loss to the exporters of eels.

Sligo District.—Fishery reported still to be improving.

Coleraine District.—About £20,000 worth was consigned to the English markets, but the fishery is reported to be declining.

Dundalk District.—Although a slight decrease in the fishery was noticed some £500 worth of eels was marketed in England.

Drogheda District.—The private fisheries from which eels are consigned to Dublin and English markets were stated to have shown improvement

POLLEN FISHERIES.

The large decrease in the product of the Lough Neagh pollen fisheries during the year 1920 was locally attributed, almost entirely, to the depredations of the water cricket (*Asellus aquaticus*.) This insect is reported to have rendered useless trammel nets to a value of some hundreds of pounds, and to have so discouraged the fishermen that many abandoned the fishing. As demonstrated by the Department in 1903, linen nets can be made immune to attacks of this creature by dressing with creosote, but the use of this precaution does not seem to have ever become general.

The consignments to English markets were very much smaller than in the good season of 1919, and prices realised were also reduced by about one-third.

52 trammel and 151 draft net licences for the capture of pollen were issued during the year, and the revenue so derived amounted to £278 10s. 0d., being £16 less than in the previous year.

Many scientific and other reports have been received during the year, and this opportunity is taken of thanking those who placed the valuable information contained therein at the disposal of the Department.

We have the honour to be,

Sir,

Your obedient Servants.

E. W. L. HOLT,

Chief Inspector of Fisheries.

CHARLES GREEN,

Inspector of Fisheries.

R. H. LEE,

Inspector of Fisheries.

Department of Agriculture and Technical
Instruction for Ireland,
(Fisheries Branch).
19th October, 1921.

APPENDIX TO THE REPORT

ON THE

SEA AND INLAND FISHERIES OF IRELAND

FOR THE YEAR 1920.

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APPENDIX

STATEMENT of the Total Quantity and Value of the Fish returned as landed

	North Coast. (Eris Head to Torr Head.)				East Coast. (Torr Head to Carnore Point.)			
	Quantity		Value.		Quantity.		Value.	
	1920	1919	1920	1919	1920	1919	1920	1919
	Cwts.	Cwts.	£	£	Cwts.	Cwts.	£	£
Brill	24	21	52	55	118	65	756	630
Soles	81	78	422	457	459	392	3,711	3,336
Turbot	8	3	25	23	116	61	869	620
Total Prime Fish ..	113	102	499	535	693	521	5,336	4,586
Cod	7,956	5,141	13,512	11,204	21,411	18,966	47,768	40,246
Conger Eel	136	161	192	349	1,221	1,371	2,247	2,356
Haddock	7,619	3,310	9,177	6,444	995	567	2,737	1,899
Hake	568	-	309	-	2,794	4,155	9,817	16,310
Herrings	113,982	67,942	76,803	46,760	31,258	95,386	62,566	80,007
Ling	11	3	33	11	222	376	325	733
Mackerel	7,892	2,431	4,750	2,243	5,844	5,610	1,320	2,011
Plaice	3,400	1,994	6,635	4,515	11,927	10,773	38,400	30,479
Ray or Skate	1,026	1,095	1,026	2,059	3,086	2,866	3,301	2,386
Sprats	50	773	10	234	-	-	-	-
Whiting	3,955	2,191	2,853	2,439	6,547	6,003	10,956	13,655
All other except Shell Fish ..	5,083	3,125	5,027	4,662	11,379	13,178	13,807	18,081
Total of all Fish save Shell Fish ..	150,862	88,868	120,826	81,356	157,370	168,807	198,583	217,778
SHELL FISH ;—	No.	No.			No.	No.		
Crabs	45,048	75,000	472	756	48,444	46,420	451	549
Lobsters	61,332	92,406	2,969	4,378	135,288	128,904	9,175	7,607
Mussels	Cwts. 4,376	Cwts. 2,152	411	163	Cwts. 10,906	Cwts. 12,020	3,411	3,481
Oysters	No.	No.	-	2,208	No.	No.	10,220	8,400
Other Shell Fish	Cwts. 1,826	Cwts. 2,928	710	1,002	Cwts. 5,422	Cwts. 5,547	2,866	2,634
Total of Shell Fish	-	-	4,562	8,407	-	-	26,156	32,671
Grand Total	-	-	125,388	89,862	-	-	224,739	250,449

No. 1.

landed on the Irish Coasts during the Year 1920, as compared with that during 1919.

South Coast. (Carnsore Point to Loop Head.)				West Coast. (Loop Head to Erris Head.)				TOTAL.			
Quantity		Value.		Quantity.		Value.		Quantity.		Value.	
1920	1919	1920	1919	1920	1919	1920	1919	1920	1919	1920	1919
Cwts.	Cwts.	£	£	Cwts.	Cwts.	£	£	Cwts.	Cwts.	£	£
109	135	401	623	1	44	4	156	252	265	1,213	1,464
761	728	4,357	6,049	93	119	648	892	1,397	1,317	9,138	10,734
126	113	512	621	61	74	312	453	311	234	1,718	1,717
999	976	5,270	7,293	155	237	964	1,501	1,960	1,836	12,069	13,915
4,344	5,898	8,383	11,189	677	800	886	1,470	31,388	30,805	70,549	70,109
505	106	637	180	14	125	18	175	1,876	1,763	3,089	3,060
7	27	21	64	369	253	737	634	8,981	4,157	12,672	9,041
62	375	132	826	38	39	110	151	3,462	4,569	10,368	16,290
57,329	55,655	31,898	48,560	12,900	19,786	5,892	10,600	274,569	238,769	177,159	185,933
567	51	775	152	805	1,134	586	2,013	1,605	1,564	1,719	2,939
240,919	429,555	116,128	290,310	29,004	28,037	19,390	19,136	282,789	465,653	141,888	313,730
4,189	2,763	10,216	7,459	300	624	919	1,861	19,816	16,151	56,200	44,314
853	1,296	939	1,600	199	549	228	815	5,164	5,906	5,497	6,859
505	861	330	733	-	-	-	-	555	1,634	340	967
1,011	938	1,360	1,078	427	277	506	439	11,940	10,009	15,765	17,611
2,713	6,599	2,467	5,813	5,623	3,021	7,328	5,452	21,791	23,918	28,629	33,938
313,133	504,100	178,886	375,287	50,511	51,902	37,649	44,286	671,896	806,787	535,944	718,706
No.	No.			No.	No.			No.	No.		
31,272	33,561	413	470	288	-	4	-	125,052	153,981	1,350	1,775
301,440	258,810	15,186	13,732	68,616	182,208	2,315	8,890	569,676	662,368	29,615	34,607
Cwts. 1,649	Cwts. 5,600	230	1,086	Cwts. 910	Cwts. 3,000	94	300	Cwts. 17,571	Cwts. 22,832	4,179	5,020
No. 187,874	No. 243,600	703	527	No. 837,890	No. 576,098	2,892	1,263	No. 3,629,764	No. 3,310,198	13,815	12,398
Cwts. 11,390	Cwts. 14,276	6,108	8,549	Cwts. 6,200	Cwts. 7,705	2,232	2,879	Cwts. 24,928	Cwts. 30,456	11,916	15,064
-	-	22,610	24,364	-	-	7,647	12,332	-	-	60,905	68,864
-	-	201,526	399,651	-	-	45,196	57,615	-	-	596,819	787,570

APPENDIX NO. I (a).

COMPARISON between the years 1914-1920 inclusive in respect of the Average Prices of the different kinds of Sea Fish landed in Ireland.

Kind of Fish.	AVERAGE PRICE PER CWT.						
	1914.	1915.	1916.	1917.	1918.	1919.	1920.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brill	2 8 11	2 9 11	4 2 10	3 19 11	5 5 5	5 10 6	4 16 3
Soles	4 7 0	4 16 5	5 10 11	6 8 1	8 7 9	8 3 0	6 10 10
Turbot	4 10 5	4 13 11	5 6 3	5 15 2	7 0 4	6 15 2	5 10 6
Cod	0 17 7	1 3 6	1 11 9	2 4 8	3 6 6	2 5 6	2 1 0
Conger Eel	0 13 4	0 16 1	1 2 3	1 9 9	1 16 10	1 14 9	1 12 11
Haddock	0 17 10	1 5 6	1 5 1	2 0 1	3 6 4	2 3 6	1 8 3
Hake	1 6 1	1 17 2	2 6 9	3 18 2	4 6 11	3 11 4	2 19 11
Herrings	0 6 9	0 11 0	0 15 5	0 17 8	1 6 11	0 15 7	0 12 11
Ling	0 14 0	0 15 9	1 1 4	1 8 2	1 15 8	1 17 7	1 1 5
Mackerel	0 6 2	0 9 11	0 11 3	0 16 6	1 1 1	0 13 6	0 10 0
Plaice	1 3 8	1 10 1	1 11 11	2 11 2	3 9 11	2 14 10	2 16 9
Ray or Skate	0 9 0	0 9 7	0 12 7	0 18 9	1 9 0	1 3 3	1 1 3
Sprats	0 4 7	0 6 8	0 5 7	0 12 3	0 5 4	0 11 10	0 12 3
Whiting	0 16 0	1 3 8	1 5 10	1 14 4	2 9 1	1 15 2	1 6 5
Other kinds (not including Shell Fish).	0 10 10	0 14 11	0 19 7	1 7 7	1 18 11	1 8 5	1 3 1
All, except Shell Fish	0 8 1	0 12 1	0 15 9	0 19 4	1 6 1	0 17 10	0 15 11

APPENDIX NO. 1 (b).

COMPARISON between the years 1919 and 1920 in respect of the maximum and minimum Average Monthly Prices per cwt. of the different kinds of Sea Fish landed in Ireland.

Kind of Fish.	1919.				1920.			
	Maximum	Month	Minimum	Month	Maximum	Month	Minimum	Month
	£ s. d.		£ s. d.		£ s. d.		£ s. d.	
Brill	7 5 5	Sept.	4 8 3	Aug.	6 10 0	Oct.	3 6 4	Aug.
Soles	10 3 11	April	6 10 6	"	10 11 4	Jan.	5 6 6	July
Turbot	8 3 9	June	5 12 10	"	8 8 10	May.	4 2 6	"
Cod	3 6 4	April	1 18 0	Dec.	2 9 7	Nov.	1 10 11	Aug.
Conger Eel	2 5 2	Mar.	1 1 8	Aug.	2 17 11	Jan.	18 7	"
Haddock	2 19 8	Sept.	1 11 6	"	1 17 7	"	15 5	"
Hake	4 8 2	May	2 17 6	Mar.	4 11 1	Aug.	1 8 3	July
Herrings	1 7 2	April	11 10	Oct.	1 1 8	Mar.	9 11	Oct.
Ling	2 4 0	Dec.	16 8	"	2 10 0	Jan.	12 0	Mar.
Mackerel	1 18 9	Mar.	10 0	July	1 1 7	Mar.	6 3	June
Plaice	4 4 7	Jan.	1 19 1	June	3 5 4	Jan.	1 17 10	"
Ray or Skate	1 14 6	"	15 2	Aug.	1 10 1	"	13 10	July
Sprats	1 16 0	"	4 11	"	18 2	Feb.	6 0	Aug.
Whiting	3 7 5	April	19 8	"	2 1 2	Mar.	15 6	"
Other Kinds (not including Shell Fish).	2 4 8	"	1 2 1	Sept.	1 8 9	April	1 1 8	Sept.

APPENDIX

ABSTRACT OF RETURNS of the Numbers of Vessels, Boats, and Crews
Registered, Unregistered, and Unclassed Vessels

No.	COASTGUARD DIVISION.	SOLELY ENGAGED								
		FIRST CLASS.			SECOND CLASS			THIRD CLASS.		
		Vessels.	Men.	Boys.	Vessels.	Men.	Boys	Vessels.	Men.	Boys.
1	Kingstown	23	141	11	59	186	6	7	14	-
2	Wicklow	31	214	16	59	126	11	-	-	-
3	Wexford	3	12	-	24	76	-	-	-	-
4	Tramore	1	6	-	57	198	2	2	4	-
5	Queenstown	4	16	-	31	82	3	1	2	-
6	Kinsale	7	38	5	16	64	-	-	-	-
7	Skibbereen	30	199	29	16	84	16	4	12	-
8	Castletownbere ..	-	-	-	-	-	-	-	-	-
9	Valentia	2	9	1	12	59	-	5	19	-
10	Dingle	38	150	22	-	-	-	-	-	-
11	Kilkee	-	-	-	-	-	-	-	-	-
12	Galway	22	127	9	49	190	-	-	-	-
13	Keel	-	-	-	4	13	-	-	-	-
14	Belmullet	-	-	-	-	-	-	-	-	-
15	Sligo	-	-	-	13	50	-	-	-	-
16	Killybegs	6	50	4	23	124	1	5	18	1
17	Rathmullan	1	3	-	25	140	-	-	-	-
18	Moville	-	-	-	42	210	-	-	-	-
19	Ballycastle, Antrim	-	-	-	42	109	1	1	2	-
20	Carrickfergus	5	16	1	13	35	3	4	5	-
21	Donaghadee	29	146	-	25	71	-	10	23	-
22	Newcastle	27	163	12	16	88	-	13	31	-
23	Dundalk	-	-	-	20	89	1	5	12	-
24	Malahide	9	55	-	18	72	-	8	6	-
Totals for 1920 ..		238	1,314	110	546	2,026	43	65	148	1
Totals for 1919 ..		256	1,453	110	608	2,112	45	62	148	2

No. 2.

engaged in the Sea Fisheries in 1920.
that fished during the year 1920.

IN FISHING.									
Open row boats of 18 feet keel and upwards, and canoes of 18 feet and upwards over all.			Open row boats of less than 18 feet keel, and canoes of less than 18 feet over all.			TOTALS.			No
Vessels.	Men.	Boys.	Vessels.	Men.	Boys.	Vessels.	Men.	Boys.	
-	-	-	-	-	-	80	341	37	1
-	-	-	-	-	-	81	350	27	2
-	-	-	10	10	-	37	98	-	3
-	-	-	8	8	-	63	216	2	4
-	-	-	-	-	-	36	100	3	5
-	-	-	1	8	-	21	103	5	6
-	-	-	-	-	-	50	295	44	7
-	-	-	-	-	-	-	-	-	8
5	26	-	-	-	-	24	112	1	9
40	110	-	-	-	-	78	268	22	10
10	27	-	-	-	-	10	27	-	11
-	-	-	-	-	-	71	317	9	12
-	-	-	-	-	-	4	13	-	13
-	-	-	-	-	-	-	-	-	14
3	18	-	-	-	-	16	63	-	15
-	-	-	-	-	-	34	192	6	16
-	-	-	-	-	-	26	113	-	17
-	-	-	-	-	-	42	210	-	18
-	-	-	-	-	-	43	111	1	19
-	-	-	-	-	-	22	56	4	20
-	-	-	2	2	-	66	241	-	21
-	-	-	-	-	-	56	232	12	22
-	-	-	-	-	-	25	101	1	23
-	-	-	-	-	-	35	133	-	24
58	189	-	16	23	-	923	3,730	154	
60	195	-	17	22	-	1,003	3,980	157	

APPENDIX

ABSTRACT OF RETURNS of the Numbers of Vessels, Boats,
Registered, Unregistered, and Unclassed Vessels

No	COASTGUARD DIVISION.	PARTIALLY ENGAGED								
		FIRST CLASS.			SECOND CLASS.			THIRD CLASS.		
		Vessels.	Men.	Boys.	Vessels.	Men.	Boys.	Vessels.	Men.	Boys.
1	Kingstown	-	-	-	11	44	1	1	2	-
2	Wicklow	-	-	-	20	58	-	2	7	-
3	Wexford	-	-	-	56	215	-	1	6	-
4	Tramore	-	-	-	37	102	2	13	28	-
5	Queenstown	-	8	-	14	37	6	3	9	-
6	Kinsale	-	-	-	53	202	17	8	23	2
7	Skibbereen	29	174	28	199	908	75	50	182	-
8	Castletownbere	2	10	2	188	892	30	90	361	6
9	Valentia	-	-	-	12	26	-	19	100	-
10	Dingle	-	-	-	5	10	-	-	-	-
11	Kilkeel	-	-	-	-	-	-	-	-	-
12	Galway	5	35	-	53	298	2	122	377	6
13	Keel	-	-	-	-	-	-	19	85	-
14	Belmullet	1	6	-	2	9	-	12	27	-
15	Sligo	6	18	6	11	12	-	3	9	-
16	Killybegs	12	74	-	208	877	-	12	41	-
17	Rathmullan	27	170	-	128	397	-	6	11	1
18	Moville	1	3	-	72	304	-	1	2	-
19	Ballycastle, Antrim	1	4	-	37	69	1	8	5	-
20	Carrickfergus	-	-	-	18	42	1	9	11	-
21	Donaghadee	-	-	-	19	46	-	10	11	-
22	Newcastle	-	-	-	117	188	-	17	42	1
23	Dundalk	-	-	-	51	164	-	9	19	-
24	Malabide	-	-	-	7	16	-	6	12	-
Totals for 1920 ..		86	501	36	1,348	4,916	135	421	1,370	14
Totals for 1919 ..		97	593	30	1,457	5,560	141	407	1,285	11

No. 2.—*continued.*

and Crews engaged in the Sea Fisheries in 1920.
that fished during the year 1920.

IN FISHING.									GRAND TOTALS of all engaged in 1920.				No.
Open row boats of 18 ft. keel & upwards, & canoes of 18ft. & upwards over all.			Open row boats of less than 18 ft. keel & canoes of less than 18 ft. over all.			TOTALS.							
Vessels.	Men.	Boys.	Vessels.	Men.	Boys.	Vessels.	Men.	Boys.	Vessels.	Men.	Boys.		
11	69	—	2	2	1	23	117	2	103	458	19	1	
5	14	—	—	—	—	5	79	—	108	429	27	2	
3	12	—	2	2	—	62	235	—	99	333	—	3	
3	25	—	32	52	—	85	207	2	148	423	4	4	
5	12	—	19	23	—	43	89	6	79	189	9	5	
5	11	—	23	52	3	69	288	22	113	393	27	6	
13	39	—	20	40	—	311	1,343	103	361	1,638	147	7	
20	69	—	1	—	—	301	1,334	37	301	1,334	37	8	
350	1,622	4	40	90	—	421	1,838	4	445	1,950	5	9	
196	561	—	—	—	—	201	571	—	279	840	22	10	
53	144	—	4	5	—	57	149	—	67	176	—	11	
207	553	—	181	437	—	601	1,700	7	672	2,017	16	12	
30	144	—	10	20	—	59	249	—	63	262	—	13	
122	382	—	29	52	—	166	475	—	166	175	—	14	
35	221	—	4	—	—	59	260	6	75	328	6	15	
4	13	—	16	20	—	252	1,025	—	286	1,217	6	16	
—	—	—	23	31	—	184	612	1	210	755	1	17	
—	—	—	3	5	—	77	314	—	119	524	—	18	
4	4	—	6	8	4	56	90	5	99	201	6	19	
1	3	—	7	11	—	36	67	1	57	123	5	20	
—	—	—	—	—	—	29	57	—	95	298	—	21	
—	—	—	2	2	—	136	232	1	192	464	13	22	
—	—	—	45	50	—	105	233	—	130	334	1	23	
2	4	—	—	—	—	15	32	—	50	165	—	24	
1,069	3,902	4	472	907	8	3,396	11,596	197	4,319	15,326	351		
1,130	4,228	6	554	1,013	3	3,846	12,679	191	4,648	16,609	348		

APPENDIX NO. 2.—continued.

ABSTRACT OF RETURNS of the Numbers of Vessels, Boats, and Crews engaged in the Sea Fisheries in 1920.

RETURN OF MOTOR FISHING BOATS FOR THE YEAR 1920.

No.	DIVISION.	Over 25 tons.	Over 10 tons and not exceeding 25 tons.	Over 5 tons and not exceeding 10 tons.	Not exceeding 5 tons
1	Kingstown	3	12	8	11
2	Wicklow	19	23	5	8
3	Wexford	—	3	3	3
4	Tramore	2	3	7	8
5	Queenstown	—	3	1	3
6	Kinsale	1	2	1	—
7	Skibbereen	28	27	9	12
8	Castletownhere	1	2	4	4
9	Valentia	—	3	9	7
10	Dingle	—	9	—	—
11	Kilkee	—	—	—	1
12	Galway	2	11	1	—
13	Keel	—	1	—	—
14	Behmullet	—	—	1	—
15	Sligo	—	—	2	—
16	Killybegs	3	3	2	—
17	Rathmullan	9	10	1	7
18	Moville	—	—	10	8
19	Ballycastle	—	2	19	10
20	Carrickfergus	—	—	15	9
21	Donaghadee	1	29	34	10
22	Newcastle	12	13	11	21
23	Lundalk	—	1	17	7
24	Malahide	5	5	1	1
Totals		86	162	161	130

APPENDIX NO. 3.

SPRING MACKEREL FISHERY 1920.

No.	Stations.	Date when Fishing may be said to have commenced.	Date when Fishing may be said to have ended.	Quantity captured in cwt.	Total Approximate Value.	Number of Barrels cured for Exportation.
					£ s. d.	
1	Rathlacken	10th April	20th July	1,200	800	—
2	Teelin	15th May	27th July	438	58	—
3	Ardglass	1st July	31st July	520	60	—
4	Kilkeel	15th July	30th July	274	95	—
5	Howth	15th June	31st July	714	159	—
6	Greystones	1st July	31st July	250	200	—
7	Passage East	July		545	333	—
8	Dunmore East	23rd April	18th June	1,246	460	—
9	Helvick Head	April	31st July	1,011	302	—
10	Kinsale	1st March	31st July	3,920½	3,104	20
11	Union Hall	1st March	30th July	2,373	772	692
12	Castletownsend	1st March	31st July	1,629	717	283
13	Baltimore	1st March	31st July	52,288	35,104	60
14	Schull	1st May	31st July	410	106	90
15	Cape Clear	1st April	31st July	720	216	180
16	Ballycrovane	1st July	31st July	410	103	90
17	Waterville	1st March	31st July	3,500	1,750	—
18	Knightstown	9th March	31st July	21,957	10,196	—
19	Cahiriveen	19th March	15th July	731	485	—
20	Diugle	1st May	31st July	3,382	912	1,600
21	Dunquin	9th March	24th June	719	291	
22	Bealbawn	9th March	15th May	328	92	
23	Ballinagall	1st March	31st July	1,261	343	
24	Brandon Creek	9th March	27th July	582	202	140
25	Brandon Bay	30th March	15th July	623	191	
26	North Aran	26th May	26th June	376	91	123
27	Galway	20th May	29th July	267	136	—
28	Roundstone	1st May	21st July	1,523	460	—
29	Cleggan	8th April	6th July	2,767	978	860
30	Blacksod	10th April	31st July	2,800	1,400	—
31	Ballyglass	15th May	1st July	1,155	1,000	—
32	Belderrig	1st April	31st July	746	500	—

APPENDIX

AUTUMN MACKEREL

PARTICULARS of the FISHING carried

STATIONS.	Date when Fishing may be said to have commenced.	Date when Fishing may be said to have ended.	Quantity captured in Cwts.	Total Approximate Value.	Number of Barrels Cured for Exportation.
				£	
Ragley	—	—	100	200	—
Teelin	6th August	9th February	294	70	—
Buncrana	28th December	12th February	2,954	1,075	—
Kilkeel	3rd August	25th August	254	53	—
Howth	2nd August	10th September	2,450	211	—
Kilmore	—	—	317	350	—
Fethard	1st August	28th September	434	442	—
Passage East	1st August	3rd September	710	341	—
Tramore	—	—	420	570	—
Helvick Head	August	September	692	406	—
Kinsale	1st August	28th February	1,063	719	60
Union Hall	August	1st November	1,517	732	400
Castletownsend	1st August	28th February	1,670	761	370
Baltimore	21st August	10th January	984	467	—
Cape Clear	—	—	950	500	—
Schull	October	December	1,240	623	—
Crookhaven	10th August	11th September	2,914	1,607	—
Castletownbere	20th September	24th September	2,180	777	760
Garrish	21st August	11th December	19,653	6,727	6,690
Ballydonegan	7th September	December.	27,097	13,645	9,137
Ballycrovane	6th September	1st November	24,500	8,115	8,173
Lackeen Point	—	—	2,400	600	—
Knightstown	August	February	14,379	6,488	2,400

No. 4.

FISHERY, 1920-1921.

on at the PRINCIPAL STATIONS.

STATIONS.	Date when Fishing may be said to have commenced.	Date when Fishing may be said to have ended.	Quantity captured in Cwts	Total Approximate Value.	Number of Barrels Cured for Exportation.
Cahiriveen	6th August	11th December	2,865	1,664	370
Dingle	1st September	31st December	816	302	8,900
Dunquin	22nd September	15th December	1,468	650	
Bealbawn	21st September	21st December	4,517	1,357	
Ballinrannig	22nd September	16th December	3,338	727	
Ballinagall	August	December	11,110	5,379	
Brandon Creek	8th September	19th February	4,329	1,515	1,200
Brandon Bay	24th August	17th February	3,752	1,331	
Ardmore	—	—	553	180	—
Kilkee	7th September	16th December	1,060	342	—
Farrahy	August	February	454	186	—
Seafeld	2nd August	15th December	621	719	—
Liscannor	—	—	400	200	—
Bullaghahine	—	—	1,369	1,201	—
North Aran	21st September	24th February	1,611	559	450
Galway	3rd August	1st October	402	211	—
Costello Bay	30th September	30th September	317	141	—
Cleggan	28th September	10th February	2,164	932	700
Tully	—	—	674	197	—
Blacksod Point	—	—	6,040	5,040	—
Ross	—	—	2,120	1,484	—
Belderrig	—	—	2,380	2,330	—

APPENDIX No. 5.

SUMMER HERRING FISHERY, 1920.

No.	Stations.	Date on which Fishing may be said to have commenced.	Date on which Fishing may be said to have ended.	Quantity captured in cwts.	Value.	Quantity cured for Exportation.
					£ s. d.	
1	Inniscrone	8th September	20th October	496	580	—
2	Killybegs	1st May	31st October	5,735	2,963	—
3	Burtonport	11th May	1st October	5,141	2,086	4,500
4	Kincasslagh	11th May	2nd September	11,419½	7,223	
5	Inishbofin	10th May	30th September	1,274	635	400
6	Dunfanaghy	7th September	9th October	455	263	—
7	Downings	5th May	10th October	20,419½	13,426	—
8	Buncrana	1st June	16th October	16,779½	11,181	3,989
9	Portmuck	June	September	567	366	—
10	Portavogie	1st May	2nd October	3,791	3,915	—
11	Ardglass	9th May	9th October	22,343	17,375	700
12	Annalong	20th June	5th October	1,850	1,050	416
13	Kilkeel	7th May	9th October	12,623½	9,233	810
14	Clogher Head	15th June	16th September	625	517	—
15	Howth	15th June	15th September	44,033	25,025	2,639
16	Passage East	1st May	3rd October	412	187	—
17	Dunmore East	1st May	30th October	5,798	2,368	—
18	Helwick Head	5th May	21st October	872	790	—
19	Kinsale	1st May	31st October	3,840½	1,950	221
20	Baltimore	1st May	31st October	4,129	2,615	—
21	Schull	1st September	31st October	337	242	70
22	Bantry	1st August	31st October	3,842	2,143	500
23	Castletownbere	23rd June	19th October	2,500	1,300	
24	Ballycrovane	1st September	31st October	440	154	45
25	Waterville	1st August	31st October	500	354	—
26	Knightstown	16th June	23rd September	647	248	—
27	Ballyvaughan	22nd September	23rd October	281	132	—
28	North Arran	1st May	16th October	290½	189	—
29	Galway	20th May	30th October	4,900½	1,824	—
30	Tulley	1st September	31st October	929	300	—
31	Keel	6th September	27th October	1,940	1,049	—
32	Ross	1st August	31st October	675	690	—

APPENDIX NO. 6.

WINTER HERRING FISHERY, 1920-21.

Particulars of the Fishing carried on at the Principal Stations.

No.	Stations.	Date when Fishing may be said to have commenced	Date on which Fishing may be said to have ended.	Quantity captured in cwt.	Total Approximate Value.	Number of Barrels cured for Exportation
					£	
1	Killybegs	1st November	30th April	3,059	2,006	—
2	Burtonport	14th January	19th February	1,074½	360	—
3	Kincasslagh	14th January	14th February	614½	287	34
4	Downings	28th December	15th February	1,445½	623	—
5	Buncrana	1st January	28th February	29,262	14,560	530
6	Balbriggan	10th November	30th January	1,546	910	—
7	Loughshinney	November	1st January	1,121	1,229	—
8	Arklow	November	1st January	1,029	1,085	—
9	Courtown	1st November	1st January	290	724	—
10	Wexford	November	December	264½	492	—
11	Passage East	1st November	4th February	5,036	1,078	—
12	Dunmore East	9th November	15th February	692	600	—
13	Helvick Head	1st November	29th April	410	342	—
14	Ballycotton	November	February	1,183	643	—
15	Kinsale	1st November	April	1,464½	1,012	—
16	Bantry	1st November	30th April	562	520	—
17	North Aran	9th November	26th February	1,588	426	—
18	Galway	1st November	26th November	1,407	420	—

APPENDIX

BEAM AND OTTER

STATION.	Number of men engaged in the Trawling industry.	Number of boats regularly engaged in Beam Trawling.			Number of boats regularly engaged in Otter Trawling.			Tonnage of motor boats engaged.			
		Steam	Motor	Sailing	Steam	Motor	Sailing	Not exceeding 10 tons.	Over 10 and not exceeding 20 tons.	Over 20 and not exceeding 30 tons.	Over 30 and not exceeding 40 tons.
Howth	3	-	-	-	-	-	1	-	-	-	-
Ringsend	109	-	-	-	* 6	14	2	8	4	2	-
Kingstown	4	-	-	-	-	-	1	-	-	-	-
Arklow	40	-	-	-	-	9	-	4	3	2	-
Courtown	28	-	-	-	-	2	5	2	-	-	-
Wexford	33	-	-	-	-	5	5	2	2	-	-
Bannow	9	-	-	-	-	-	3	-	-	-	-
Arthurstown .. .	66	-	-	-	-	7	16	6	1	-	-
Dunmore East ..	11	-	-	-	-	-	4	-	-	-	-
Tramore	7	-	-	-	-	1	1	1	-	-	-
Ballinacourty ..	4	-	-	-	-	-	1	-	-	-	-
Helvick Head .. .	70	-	-	-	-	2	13	-	1	-	1
Ardmore	4	-	-	-	-	-	1	-	-	-	-
Youghal	10	-	-	-	-	2	-	-	-	-	-
Ballycotton .. .	19	-	-	-	-	-	5	-	-	-	-
East Ferry	32	-	-	6	-	1	4	1	-	-	-
Kinsale	14	-	-	-	-	2	1	-	2	-	-
Courtmacsherry ..	8	-	-	-	-	-	2	-	-	-	-
Ross Bar	4	-	-	-	-	-	1	-	-	-	-
Union Hall	48	-	-	-	-	8	-	3	5	-	-
Castletownshend ..	38	-	-	-	-	6	-	2	4	-	-
Baltimore	13	-	1	1	-	1	-	1	1	-	-
Schull	40	-	-	-	-	4	7	1	1	-	-
Castletown	4	-	-	-	-	1	-	-	1	-	-
Ballycrovane .. .	10	-	-	2	-	-	-	-	-	-	-
Dingle	120	-	-	10	-	-	16	-	-	-	-
Galway	86	-	-	7	-	3	-	-	1	-	2
<i>Carried forward</i> ..	783	-	1	28	6	68	89	31	29	6	3

* All over 100 tons gross tonnage.

No. 7.

TRAWLING, 1920.

Tonnage of sailing boats engaged.				Months in which Fishing was carried on.	STATION.
Not ex- ceeding 10 tons.	Over 10 and not exceed- ing 20 tons.	Over 20 and not exceed- ing 30 tons.	Over 30 and not exceed- ing 40 tons.		
-	-	-	1	All year	Howth
2	-	-	-	All year	Ringsend
-	-	1	-	All year	Kingstown
-	-	-	-	All year	Arklow
4	1	-	-	All year	Courtown
2	3	-	-	All year	Wexford
3	-	-	-	August to December ..	Bannow
16	-	-	-	All year	Arthurstown
3	1	-	-	All year	Dunmore East
1	-	-	-	June to October	Tramore
1	-	-	-	December	Ballinacourty
12	1	-	-	All year	Helvick Head
1	-	-	-	August to October ..	Ardmore
-	-	-	-	All year	Youghal
5	-	-	-	All year	Ballycollin
6	4	-	-	May to December ..	East Ferry
1	-	-	-	May to December ..	Kinsale
-	2	-	-	March to December ..	Courtmacsherry
1	-	-	-	March to November ..	Ross Bar
-	-	-	-	January, February, August, Novem- ber and December.	Union Hall
-	-	-	-	All year	Castletownshend
-	1	-	-	January to October ..	Baltimore
6	-	1	-	April to December ..	Schull
-	-	-	-	All year	Castletown
-	-	2	-	February to November ..	Ballycrovane
-	-	14	12	All year	Dingle
-	-	-	7	All year	Galway
64	13	18	30		

APPENDIX

BEAM AND OTTER

STATION.	Number of men engaged in the Trawling industry.	Number of boats regularly engaged in Beam Trawling.			Number of boats regularly engaged in Otter Trawling.			Tonnage of motor boats engaged.			
		Steam	Motor	Sailing	Steam	Motor	Sailing	Not exceeding 10 tons.	Over 10 and not exceeding 20 tons.	Over 20 and not exceeding 30 tons.	Over 30 and not exceeding 40 tons.
<i>Brought forward</i> ..	783	-	1	26	6	68	89	31	29	6	3
North Aran ..	29	-	-	1	-	5	-	-	3	2	-
Cleggan ..	8	-	-	-	-	-	-	-	-	-	-
Rosmoney ..	13	-	-	-	-	1	3	-	1	-	-
Blacksod Point ..	7	-	-	-	-	1	1	1	-	-	-
Ragbley ..	10	-	-	-	-	-	5	-	-	-	-
Mullaghmore ..	10	-	-	-	-	-	5	-	-	-	-
Euniscrone ..	16	-	-	-	-	-	8	-	-	-	-
Ross (Killala) ..	4	-	-	-	-	2	-	2	-	-	-
Killybegs ..	12	-	-	-	* 1	1	-	1	-	-	-
Ball Hill ..	6	-	-	-	-	-	3	-	-	-	-
Ballyshaunon ..	10	-	-	-	-	-	5	-	-	-	-
Sheephaven ..	4	-	-	-	-	-	2	-	-	-	-
Rathmullan ..	9	-	-	-	-	-	3	-	-	-	-
Buncrana ..	12	-	-	-	-	4	1	4	-	-	-
Malin Head ..	3	-	-	-	-	1	-	1	-	-	-
Greencastle ..	15	-	-	-	-	1	4	1	-	-	-
Moville ..	28	-	-	-	-	8	4	8	-	-	-
Portrush and Port-stewart.	40	-	-	-	-	18	1	16	-	-	-
Ballycastle ..	13	-	-	-	-	3	-	3	-	-	-
Cushendal ..	1	-	-	-	-	2	-	2	-	-	-
Glenarm ..	4	-	-	-	-	2	-	2	-	-	-
Portmuck ..	30	-	-	-	† 1	10	-	10	-	-	-
Carrickfergus ..	6	-	-	-	-	-	3	-	-	-	-
Belfast ..	6	-	-	-	-	3	-	3	-	-	-
Bangor and Groomsport	25	-	-	-	-	12	-	12	-	-	-
Ballywalter ..	5	-	-	-	-	2	-	2	-	-	-
Portavogie ..	40	-	-	-	-	10	-	4	6	-	-
Newcastle ..	8	-	-	-	-	-	2	-	-	-	-
Annalong ..	4	-	-	-	-	2	-	2	-	-	-
Clogher Head ..	5	-	1	-	-	1	-	-	1	-	-
Balbriggan ..	30	-	-	-	-	7	2	1	2	2	2
Malahide ..	4	-	-	-	-	1	1	1	-	-	-
Skerries ..	5	-	-	-	-	1	-	-	1	-	-
Totals ..	1,298	-	2	27	8	164	144	107	43	10	6

* 206 tons gross tonnage

† Over 100 tons gross tonnage.

No. 7—continued.

TRAWLING, 1920.

Tonnage of sailing boats engaged.				Months in which Fishing was carried on.	STATION.
Not ex- ceeding 10 tons.	Over 10 and not exceed- ing 20 tons.	Over 20 and not exceed- ing 30 tons.	Over 30 and not exceed- ing 40 tons.		
64	13	18	20		
-	-	1	-	All year	North Aran
2	-	-	-	June, July, August	Cleggan
-	3	-	-	June to October	Rosmoney
-	1	-	-	May and June	Blacksod Point
5	-	-	-	May to September	Raghey
-	-	-	-	June to October	Mullaghmore
8	-	-	-	May to September	Enniscrone
-	-	-	-	May to August	Ross (Kiltala)
-	-	-	-	All year	Killybegs
3	-	-	-	All year	Ball Hill
5	-	-	-	May to September	Ballyshannon
2	-	-	-	August	Sheephaven
-	-	-	-	April to October	Rathmullan
1	-	-	-	April to October	Buncrana
-	-	-	-	June and July	Malla Head
4	-	-	-	April May: July to October	Greencastle
1	-	-	-	March to November	Moyle
1	-	-	-	March to November	Portrush and Portstewart
-	-	-	-	All year	Ballycastle
-	-	-	-	May to December	Cushendall
-	-	-	-	September to December	Glenarm
-	-	-	-	All year	Portmuck
3	-	-	-	April to December	Carrickfergus
-	-	-	-	June to September	Belfast
-	-	-	-	April to December	Bangor and Groomsport
-	-	-	-	January to March: October to December	Ballywalter
-	-	-	-	January to March: October to December	Portavogie
1	-	1	-	March to November	New castle
-	-	-	-	January and February	Annalong
-	-	-	-	All year	Clogher Head
2	-	-	-	Throughout year	Balbriggan
1	-	-	-	October to December	Malahide
-	-	-	-	Throughout year	Skerries
114	17	20	20		

APPENDIX

LIST of LICENCES to Plant OYSTER BEDS *in force* at date of this Report and

No. of Licence.	Date of Licence.	Persons to whom Granted.	Alleged present Owner or Lessee, or Agent.	Locality of Beds.
CO. CORK.				
17	15th July, 1867	John Smyth	John J. Smyth	Middleton River ..
145	27th Dec., 1876	Standish D. O'Grady and Rev. E. H. Newenham ..	— Clarke and Captain P. W. Newenham	Owenboy River ..
186	29th May, 1914	Gerald J. Macaura	Gerald J. Macaura	Lough Hyne ..
CO. KERRY.				
5	5th Feb., 1851	John Mahony	Robert McClure	Estuary of Kenmare River.
6	Do.	Rev. Denis Mahony	Robert McClure	do.
60	30th Dec., 1865 ..	Richard Mahony ..	R. P. Colomb	Kenmare Estuary
84	11th Feb., 1868 ..	Charles Sandes ..	Frederick McKibben	River Shannon ..
91	11th March, 1869 ..	Richard J. Mahony	R. P. Colomb	Kenmare Bay ..
*92	Do.	Sir John C. R. Colomb	do.	do.
125	14th June, 1873 ..	Robert M Cowen ..	W. H. M'Cowen ..	Barrow Harbour
158	6th October, 1879 ..	Charles Sandes	Frederick McKibben	River Shannon ..
162	17th Nov., 1882 ..	do.	do.	do.
183	3rd January, 1906	Samuel T. Heard	Samuel T. Heard ..	Kenmare Bay ..
CO. CLARE.				
179	24th June, 1902	The Burren Fisheries, Limited.	D. J. Mooney	Poulnaclough Bay
CO. GALWAY.				
15	21st August, 1856	William Foreman	Patrick Connelly	Ardbear Bay
19	3rd Feb., 1860 ..	Rev. R. H. Wall	* Patrick Connelly	Mannin and Ard- bear Bays.

*Transferred to present Grantee on 24th October, 1895

APPENDIX

LIST of LICENCES to Plant OYSTER BEDS *in force* at date of this Report and

No. of Licence.	Date of Licence.	Persons to whom Granted.	Alleged present Owner or Lessee, or Agent.	Locality of Beds.
CO. GALWAY— (continued).				
33	6th April, 1864 ..	Lord Walscourt ..	D. J. Mooney ..	Galway Bay ..
149	30th June, 1877 ..	do. ..	do ..	do. ..
37	31st Oct., 1864 ..	John Kendal ..	Patrick Connelly ..	Ardbear and Man- nin Bays.
114	26th Dec., 1871 ..	Colin Hugh Thomson ..	Major A. J. D. Thomson ..	Killary Bay ..
115	9th Feb., 1872 ..	W. and J. St. George ..	J. St. George ..	Galway Bay ..
171	9th Nov., 1893 ..	John MacSheehy ..	John Pickles ..	Ballinakill Harbour
181	4th June, 1901 ..	The Most Rev. John Healy, D.D., Roman Catholic Archbishop of Tuam.	The Most Rev. John Healy, D.D., Roman Catholic Archbishop of Tuam.	Streamstown Bay
CO. MAYO.				
8	17th Nov., 1862 ..	John G. Garvey ..	F. C. Garvey ..	Clew Bay ..
141	28th Dec., 1876 ..	Francis Mulholland ..	M. Mulholland ..	do. ..
*172	6th May, 1896 ..	William Casey ..	Michael Moran ..	do. ..
175	29th Dec., 1896 ..	Brother Joseph Benedict Tully.	Superior of Franciscan Monastery, Achill.	Achill Sound ..
CO. SLIGO.				
7	17th Nov., 1862 ..	Thomas White ..	Connaught Fisheries and Produce Co., Ltd.	Ballsodare Bay..

* Licence No. 138 dated 16th August, 1876, to John Kendal, cancelled, and No. 172 granted in lieu thereof

No. 3—*continued.*

substance of Reports received in respect of year to 30th April, 1921.

No. of Licence	Area of Beds.	Average area of Beds available.	SUBSTANCE OF REPORTS RECEIVED AS TO STATE OF BEDS.
	A. R. P.	Acres.	
			CO. GALWAY— <i>(continued.)</i>
33	1,770 0 0	190	No reports received.
149	153 3 8	—	
37	236 0 9	10	Same reply as No. 13.
114	201 2 0	60	No report received.
116	810 0 0	80	No report received.
171	390 3 0	—	Bed in excellent condition, cleaned and raked. No oysters sold. Large fall of spat.
181	104 0 0	—	No report received.
			CO. MAYO.
8	108 3 33	4	Bed in good condition. About £15 worth of oysters taken off for consumption. None laid down. Good fall of spat.
141	12 1 20	8	Very few oysters on bed. None planted and none taken off for consumption. A very small fall of spat.
172	44 0 37	10	Bed in good condition, and has been cleaned. 4,000 oysters, value £12, were taken off and sold for consumption. 6,000 oysters from Clew Bay laid down. Good fall of spat.
175	126 0 0	—	Neglected state. Nothing done to bed for a long time.
			CO. SLIGO.
7	132 1 26	10	Bed in very clean condition. 321,020 oysters, value £1,766, were taken off and sold for consumption. 300,000 oysters from Falmouth laid down. No fall of spat.

APPENDIX

LIST of LICENCES to Plant OYSTER BEDS *in force* at date of this Report and

No of Licence	Date of Licence.	Persons to whom Granted.	Alleged present Owner or Lessee, or Agent.	Locality of Beds.
CO. SLIGO— (continued).				
48	13th April, 1865	Sir Robert Gore Booth, Bart.	Sir Josslyn Gore Booth, Bart.	Drumcliffe Bay
59	1st Dec., 1865	Richard J. Verschoyle	Mrs. Ogle	Ballisodare Bay
66	15th June, 1867	Sir Robert Gore Booth, Bart.	Sir Josslyn Gore Booth, Bart.	Drumcliffe Bay
86	13th March, 1868	Colonel Edward Cooper	Major R. R. Cooper	Ballisodare Bay
101	12th March, 1870	R. J. Verschoyle	Mrs. Ogle	Ballisodare Bay
102	22nd April, 1871	Agnes M. Nicholson	Connaught Fisheries and Produce Company, Ltd.	Sligo Bay
121	24th Feb., 1873	R. J. Verschoyle	Mrs. Ogle	Ballisodare Bay
135	27th Jan., 1875	St. Geo. Jones Martin	R. Fraser	Sligo Estuary or Bay
163	14th June, 1881	Percy Harding Russ	Connaught Fisheries and Produce Company, Ltd.	Ballisodare Bay
169	22nd Dec., 1891	Alex. Joseph Crichton	Alex. Joseph Crichton	do.
176	25th August, 1898	Catherine Phibbs	Basil Phibbs	do.
CO. LOUTH.				
57	1st Dec., 1865	John Obins Woodhouse	Michael E. Hardy	Carlingford Lough
65	4th June, 1866	do.	do.	do.

APPENDIX

PARTICULARS of LICENCE to Plant an
last

Date of Licence.	Person to whom Granted.
CO. GALWAY. 5th June 1904.	Most Rev. John Healy, D.D., Roman Catholic Arch- bishop of Tuam.

No. 8—continued.

substance of Reports received in respect of year to 30th April 1921.—con.

No. of Licence	Area of Beds.	Average of Beds available.	SUBSTANCE OF REPORTS RECEIVED AS TO STATE OF BEDS.
	A. R. P.	Acres.	
			CO. SLIGO—(continued).
49	148 0 0	40	Nothing done to bed during the year. Bed nearly covered with mud and drifting sand.
59	51 0 0	20	No report received.
66	87 0 0	10	Same reply as No. 49.
86	190 0 0	10	Bed in good condition, but nothing done to it.
101	13 2 0	2	No report received.
102	52 2 10	25	Same reply as No. 7.
121	114 0 20	9	No report received.
135	77 1 33	35	No report received.
163	130 2 21½	11	Same reply as No. 7.
169	100 3 30	—	No report received.
176	81 1 2	—	Bed in good order. Kept clean.
			CO. LOUTH.
37	51 0 0	66	Bed in good condition. 1,500,000 oysters taken off for consumption. 200,000 Cornish, 1,300,000 American, 240 Dutch, and 60,000 Portuguese oysters laid down. A poor quantity of spat fell.
65	96 0 0		Bed in good condition. 1,000,000 oysters taken off for consumption. 500,000 Cornish, and 1,500,000 American, oysters laid down. A poor quantity of spat fell.

No. 9.

OYSTER BED *Revoked* since date of Report.

Locality of Bed.	No. of Acres.	Date of Revocation.
Streamstown Bay.	About 101.	31st May, 1921.

APPENDIX No. 10.

26

LIST of LICENCES to Plant MUSSEL BEDS *in force* at date of this Report and substance of Reports received in respect of year to 31st December, 1920.

No. of Licence.	Date of Licence.	Persons to whom Granted.	Alleged present Owner or Lessee, or Agent.	Locality of Beds.	Area of Beds	SUBSTANCE OF REPORTS RECEIVED AS TO STATE OF BEDS.
	CO. MEATH.				A. R. P.	CO. MEATH.
2	3rd Jan., 1906 ..	John King ..	John King ..	River Nanny ..	11 2 0	Bed fairly well stocked with mussels. 3 tons of mussels laid down. 4 tons, value £9 to £11 per ton, taken off and sold for consumption. A small fall of spat observed.
3	22nd August, 1907	James J. King ..	James J. King ..	do. ..	4 1 30	Bed badly stocked. About 10 cwt., value 12 shillings per cwt., taken off for consumption. Small fall of spat. About 10 cwt. of small mussels laid down.
4	18th Nov., 1910..	John King ..	John King ..	do. ..	1 1 8	Bed fairly well stocked with mussels in parts. Two tons, value £10 per ton, taken off and sold for consumption. 1½ tons of mussels laid down. A large fall of spat was observed.

APPENDIX No. 11.

LIST of LICENCES to Plant PERIWINKLE BEDS *in force* at date of this Report and substance of Reports received in respect of year to 31st December, 1920.

No. of Licence.	Date of Licence.	Persons to whom Granted.	Alleged present Owner or Lessee, or Agent.	Locality of Beds.	Area of Beds.	SUBSTANCE OF REPORTS RECEIVED AS TO STATE OF BEDS.
	CO. KERRY.				A. R. P.	CO. KERRY
2	3rd January, 1906	Samuel T. Heard ..	Samuel T. Heard ..	Kenmare Bay	214 0 35	No report received.

Appendix to the Report for the year 1920 on

APPENDIX NO. 12.

LOANS.

TABLE NO. 1.

TABLE showing purposes for which Loans exceeding £10 were applied for and granted during 12 months ended 31st March, 1921.

COUNTY.	PURPOSE FOR WHICH LOANS WERE GRANTED.					
	Purchasing Motor Fishing Boats.	Installing Motor Engines in Fishing Boats.	Purchasing Sailing Boats.	Repairing Boats or Engines.	Purchasing Winch and Trawling Gear.	Purchasing Fishing Gear.
Antrim	—	—	—	1 of £60	—	—
Cork	—	—	1 of £23	—	—	1 of £15 1 of £11
Down	1 of £250 1 of £100	1 of £217 2 0 1 of £50 10 0 1 of £60 0 0 1 of £80 0 0	—	—	1 of £100 for boiler	—
Dublin	1 of £70 1 of £400 1 of £680	—	—	1 of £38	—	—
Londonderry	—	1 of £180	—	1 of £40 10	—	—
Louth	—	—	—	—	—	* 1 of £750
Waterford	—	1 of £150 1 of £120	1 of £60	—	—	—
Wexford	—	1 of £88	1 of £39	—	—	—
Wicklow	1 of £600 1 of £1,075	1 of £400	—	—	—	1 of £45

* Part cost of staves for Pickle Barrels and Fish Carriers.

APPENDIX

(NON-CONGESTED

TABLE

STATEMENT of the Total Amounts Advanced, the Total Repayments Security in respect of loans which have been issued by the Department—non-congested districts. This Statement also includes the Return on 31st March, 1900, at foot of unrepaid loans issued by the Board Fisheries between the passing of the Purchase of Land and

COUNTIES.	Total Number of Loans Advanced to 31st March, 1921.	LOANS ADVANCED.				Promissory Notes given as security for Principal and Interest.
		To 31st March, 1920.	During the year ended 31st March, 1921.	Total to 31st March, 1921.		
		£ s. d.	£ s. d.	£ s. d.		£ s. d.
Antrim	108	6,810 15 9	550 0 0	7,360 15 9		7,970 2 6
Clare	62	758 10 0	—	758 10 0		800 17 3
Cork	224	3,575 15 10	103 10 0	3,679 5 10		3,908 10 3
Donegal	38	634 7 10	—	634 7 10		675 16 10
Down	184	21,681 7 5	2,465 14 3	24,147 1 8		26,169 4 0
Dublin	131	23,286 17 7	3,495 13 2	26,782 10 9		29,150 5 9
Galway	282	5,281 10 0	—	5,281 10 0		5,624 18 6
Kerry	13	193 10 0	—	193 10 0		204 13 0
Limerick	8	337 0 0	—	337 0 0		370 11 4
Londonderry	70	4,460 11 6	160 0 0	4,620 11 6		5,004 13 7
Louth	40	786 13 6	1,720 0 0	2,506 13 6		2,692 7 2
Mayo	185	1,392 19 5	—	1,392 19 5		1,467 5 11
Meath	2	22 10 0	—	22 10 0		23 12 6
Sligo	38	461 14 0	—	461 14 0		499 5 6
Waterford	72	2,954 1 0	311 7 4	3,265 8 4		3,521 6 9
Wexford	76	2,637 7 0	152 0 0	2,789 7 0		3,015 16 10
Wicklow	142	41,614 11 1	2,902 9 8	44,517 0 9		49,480 19 3
Totals	1,675	116,980 2 0	11,860 14 5	128,740 16 5		140,560 6 11

NOTE.—A Sum amounting to £100 was received from borrowers in the year ended 31st March was advanced, from Borrowers' deposits, during the year. These sums are not shown in above

No. 12—*continued.*

DISTRICTS).

No. 2

on Open Accounts, and the Amounts of Promissory Notes given as
ment between 1st April, 1900, and 31st March, 1921, to fishermen in
payments made to the Department in respect of amounts outstanding
of Public Works on the recommendation of the Inspectors of Irish
Congested Districts (Ireland) Act, 1891, and the 31st March, 1900.

Amount of Promissory Notes recoverable and outstanding (includ- ing recoverable arrears 31st March, 1900, in respect of Loans issued prior to that date).	Repayments to 31st March, 1921.	Outstanding Promissory Notes not arrived at maturity.	ARREARS.		Irrecover- able.
			No. of Loans.	Amount.	
£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.
180 2 0	6,956 3 2	1,022 16 9	—	—	126 2 8
237 11 10	1,030 1 1	—	—	—	8 8 0
1,274 18 6	4,852 3 0	311 7 9	2	10 10 8	—
193 11 3	869 8 1	—	—	—	—
266 11 8	21,160 6 8	4,516 16 3	5	146 4 9	94 18 8
1,470 18 8	22,093 13 2	7,684 8 9	7	625 5 9	199 7 3
2,398 7 1	7,769 17 7	—	—	—	253 8 0
409 4 0	604 19 3	—	—	—	8 17 9
235 2 10	605 14 2	—	—	—	—
308 14 11	4,842 9 9	431 19 10	—	—	—
66 16 7	1,073 1 5	1,563 14 9	1	132 7 6	—
306 5 1	1,773 11 0	—	—	—	—
	23 12 6	—	—	—	—
92 10 8	581 16 2	—	—	—	—
36 5 9	3,155 18 9	339 3 5	—	—	—
148 3 3	2,775 0 11	311 19 9	—	—	70 9 9
542 15 10	37,066 5 4	10,025 16 2	24	1318 13 6	1,055 19 9
8,176 10 11	117,534 2 0	26,214 8 6	39	2,142 2 2	1,817 11 8

1921, as deposit towards cost of a fishing boat and gear required by them; and the sum of £300
statement.

APPENDIX No. 12.

LOANS.

The following tables show the transactions in regard to Loans to Fishermen.

TABLE No. 3.

TABLE showing the Loans applied for and granted during 12 months ended 31st March, 1921.

COUNTY.	Number of Applications.	Number of Applicants.	Amount of Loans applied for.	Number of Loans Granted	Number of Persons to whom Granted	Amount of Loans Granted.
			£ s. d.			£ s. d.
Antrim	2	3	302 2 11	1	1	60 0 0
Cork	4	5	55 0 0	4	5	55 0 0
Down	8	10	1,021 5 0	7	9	817 12 3
Dublin	7	10	3,275 0 0	5	7	1,075 0 0
Londonderry	3	3	420 10 0	2	2	230 10 0
Louth	1	1	750 0 0	1	1	750 0 0
Waterford	4	4	415 0 0	3	3	330 0 0
Wexford	* 3	3	227 0 0	3	3	227 0 0
Wicklow	5	8	2,170 0 0	4	7	2,120 0 0
Totals	37	47	8,935 17 11	30	38	5,635 2 9

* One of which subsequently fell through.

APPENDIX NO. 13.

TABLE showing the Total Amount received in the various Fishery Districts from the sale of Licences between the years 1863 and 1920 inclusive.

Year.			Amount received for Licence Duty.			Year.			Amount received for Licence Duty.			Year.			Amount received for Licence Duty.		
			£	s.	d.				£	s.	d.				£	s.	d.
1863	...	...	5,659	7	6	1883	...	...	9,728	0	0	1901	...	...	9,210	10	0
1864	...	...	6,841	5	0	1884	...	...	9,976	0	0	1902	...	...	9,275	0	0
1865	...	...	6,537	6	8	1885	...	...	10,746	15	0	1903	...	...	9,795	15	0
1866	...	...	6,828	16	8	1886	...	...	10,652	4	6	1904	...	...	10,260	0	0
1867	...	...	6,947	0	0	1887	...	...	9,802	10	0	1905	...	...	10,862	5	0
1868	...	...	6,667	0	0	1888	...	...	10,625	0	0	1906	...	...	11,042	10	0
1869	...	...	6,444	8	4	1889	...	...	10,020	10	0	1907	...	...	10,667	15	0
1870	...	...	7,233	3	4	1890	...	...	10,005	10	0	1908	...	...	10,276	5	0
1871	...	...	8,364	5	0	1891	...	...	10,550	10	0	1909	...	...	10,927	0	0
1872	...	...	8,369	5	0	1892	...	...	10,509	0	0	1910	...	...	11,049	10	0
1873	...	...	8,515	5	0	1893	...	...	10,509	5	0	1911	...	...	10,942	0	0
1874	...	...	8,776	0	0	1894	...	...	11,138	2	6	1912	...	...	11,429	5	0
1875	...	...	8,894	5	0	1895	...	...	10,448	5	0	1913	...	...	10,778	10	0
1876	...	...	9,265	15	0	1896	...	...	10,817	15	0	1914	...	...	10,230	15	0
1877	...	...	9,241	15	0	" Unaccounted for in 1896			18	0	0	1915	...	...	9,318	5	0
1878	...	...	9,290	5	0	1897	...	...	10,525	0	0	1916	...	...	8,725	0	0
1879	...	...	9,250	15	0	1898	...	...	10,421	0	0*	1917	...	...	8,600	0	0
1880	...	...	9,055	10	0	1899	...	...	9,821	15	0†	1918	...	...	9,539	5	0
1881	...	...	9,362	0	0	1900	...	...	9,521	15	0	1919	...	...	9,837	5	0
1882	...	...	9,935	10	0							1920	...	...	8,845	15	0

* Includes 32 Eel Licences used in 1897, and not paid for until 1898.

† Includes 1 Salmon Rod, 2 Bag Nets, and 7 Eel Licences used in 1898, and not paid for until 1899.

APPENDIX

SCHEDULE OF LICENCE DUTIES payable in each District on Engines

DISTRICT.	1. Salmon Rods.	2. Cross Lines.	3. Snap Nets.	4. Draft Nets.	5. Drift Nets.	6. Trammel Nets for Pollen.	7. Draft Nets for Pollen.	8. Pole Nets.	9. Bag Nets.	10. Fly Nets.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Dublin	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
2. Wexford	1 0 0	2 0 0	0 15 0	3 0 0	1 10 0	-	-	2 0 0		
3. Waterford	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
4. Lismore	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
5. Cork	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
6 ¹ . Skibbereen	1 0 0	1 0 0	0 15 0	3 0 0	3 0 0	-	-	1 0 0		
6 ² . Bantry	1 0 0	1 0 0	0 15 0	3 0 0	3 0 0	-	-	1 0 0		
6 ³ . Kenmare	1 0 0	1 0 0	0 15 0	3 0 0	3 0 0	-	-	1 0 0		
7 ¹ . Killarney	1 0 0	2 0 0	1 0 0	3 0 0	3 0 0	0 15 0	0 15 0	1 0 0		
7 ² . Waterville	1 0 0	2 0 0	1 0 0	3 0 0	3 0 0	0 15 0	0 15 0	1 0 0		
8. Limerick	1 0 0	1 6 0	1 10 0	3 0 0	3 0 0	1 10 0	-	2 0 0		
9 ¹ . Galway	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	10 0 0	30 0 0
9 ² . Connemara	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
10 ¹ . Ballinakill	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
10 ² . Bauror	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
11. Ballina	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
12. Sligo	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
13. Ballyshannon	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	1 10 0	-	2 0 0		
14. Letterkenny	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
15 ¹ . Londonderry	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
15 ² . Coleraine	1 0 0	2 0 0	0 15 0	3 0 0	3 0 0	1 0 0	1 10 0	2 0 0		
16. Ballycastle	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
17 ¹ . Drogheda	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		
17 ² . Dundalk	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0		

No. 14.

used for fishing for salmon, &c. at date of this Report.

11. Stake Nets.	12. Head Weirs.	13. Box, Crib, &c.	14. Gap, Eye, &c.	15. Sweep- ers.	16. Coghills	17. Loop Nets.	18. Long Lines for White Trout.	19. Eel Trap.	20. Eel Lines.	
									1000 hooks and under.	Over 1000 hooks
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
			1 0 0	-	-	-	-	-	-	-
			0 10 0	-	1 0 0	-	-	-	0 15 0	0 15 0
			1 0 0	-	-	-	-	-	-	-
			1 0 0	-	-	-	-	-	-	-
			1 0 0	-	-	-	-	-	-	-
			0 10 0	-	-	-	-	-	-	-
			0 10 0	-	-	-	-	-	-	-
			0 10 0	3 0 0	1 10 0	-	-	-	-	-
			0 10 0	-	-	-	-	-	-	-
			0 10 0	-	-	-	-	-	-	-
			1 0 0	-	-	-	-	-	-	-
30 0 0	6 0 0	10 0 0	1 0 0	-	1 0 0	-	-	7 10 0	0 15 0	0 15 0
			1 0 0	-	1 0 0	-	-	-	-	-
			1 0 0	-	-	-	-	-	-	-
			1 0 0	-	-	-	-	-	-	-
			1 0 0	-	-	-	-	-	-	-
			1 0 0	-	-	-	-	-	-	-
			1 0 0	-	1 0 0	-	-	-	2 0 0	3 0 0
			0 10 0	-	1 0 0	0 10 0	1 0 0	-	-	-
			1 0 0	-	-	-	-	-	-	-
			1 0 0	-	3 0 0	-	-	-	-	-
			1 0 0	-	0 10 0	-	-	-	-	-
			1 0 0	-	1 0 0	0 10 0	-	-	-	-
			1 0 0	-	1 0 0	-	-	-	0 10 0	-

APPENDIX

SCHEDULE OF LICENCE DUTIES, &c., received by the

DISTRICT.	Number and Description of Licences sold.																			
	1. Salmon Rods.	2. Cross Lines	3. Snap Nets.	4. Draft Nets.	5. Drift Nets.	6. Trammel Nets for Pollen.	7. Pole Nets.	8. Bag Nets.	9. Fly Nets.	10. Stake Nets.	11. Head Weirs.	12. Box, Crab, &c.	13. Gap, Eye, &c.	14. Sweepers.	15. Coghills.	16. Loop Nets.	17. Draft Nets for Pollen.	18. Long Lines for White Trout.	19. Eel Trap.	20. Long Lines for Eels.
1. Dublin ..	194	-	-	13	17	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Wexford	141	1	-	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
3. Waterford	268	-	123	19	91	-	-	1	-	2	-	4	22	-	-	-	-	-	-	-
4. Lismore	217	-	21	17	92	-	1	-	-	3	-	1	-	-	-	-	-	-	-	-
5. Cork	209	-	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Do. (Bandon)	91	1	-	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 ¹ . Skibbereen	9	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 ¹ . Bantry ..	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 ¹ . Kenmare	15	-	-	6	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
7 ¹ . Killarney	119	-	-	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 ¹ . Waterville	52	-	-	6	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-
8. Limerick	515	5	26	101	65	-	1	-	-	23	-	11	157	-	-	-	-	-	-	-
9 ¹ . Galway ..	56	-	-	10	-	-	-	-	-	-	-	5	23	-	-	-	-	-	1	2
9 ¹ . Connemara	64	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-
10 ¹ . Ballinakill	34	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 ¹ . Bangor ..	38	-	-	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. Ballina ..	51	-	-	14	17	-	-	-	-	-	-	7	24	-	-	-	-	-	-	-
12. Sligo ..	64	-	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Ballyshannon	72	1	-	12	1	-	-	-	-	1	-	5	30	-	-	-	-	-	-	-
14. Letterkenny	172	-	-	14	50	-	-	2	-	-	-	2	-	-	-	12	-	-	-	-
15 ¹ . Londonderry	301	-	-	21	48	-	2	4	-	3	-	-	-	-	-	-	-	-	-	-
15 ¹ . Coleraine	78	-	-	11	11	52	-	1	-	-	-	4	-	-	46	-	151	-	-	-
16. Ballycastle	56	-	-	8	12	-	-	14	-	-	-	-	-	-	1	-	-	-	-	-
17 ¹ . Drogheda	125	3	1	99	-	-	-	-	-	-	-	6	23	-	-	-	-	-	-	-
17 ¹ . Dundalk	93	-	-	25	-	-	-	-	-	-	1	-	7	-	-	-	-	-	-	2
Total, 1920	3,03	11	172	825	410	52	2	25	-	32	1	48	291	-	47	13	151	-	1	5
Total, 1919	3,415	17	170	628	488	83	10	25	-	40	1	48	369	2	50	21	141	-	1	3

The estimate of the average number of

1. Salmon Rods 1 man.
 2. Cross Lines 2 men.
 3. Snap Nets 4 do.
 4. Draft Nets 6 do.
 5. Drift Nets 5 do.

6. Trammel Nets 2 men.
 7. Pole Nets 3 do.
 8. Bag Nets 4 do.
 9. Fly Nets 4 do.
 10. Stake Nets 4 do.

No. 15.

BOARDS OF CONSERVATORS for the year 1920.

Amount of Licence Duty.	Percentage on Poor Law Valuation.	Amount received for Fines, Sale of Forfeited Engines, Interest on Bank Account, Refunds, &c.	Amount of Subscriptions received.	Total of Amount received.	Average of persons employed.	DISTRICT.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
286 0 0	7 10 0	52 3 3	72 8 0	418 1 3	360	1. Dublin.
419 10 0	21 19 0	10 9 1	131 3 8	583 1 9	698	2. Wexford.
914 10 0	59 10 6	13 11 6	100 0 0	1,087 12 0	1,387	3. Waterford.
677 10 0	208 14 0	160 19 8	205 16 6	1,251 0 2	879	4. Lismore.
338 0 0	20 0 0	3 14 5	321 3 0	1,191 17 5	467	5. Cork.
189 0 0	2 18 0	2 0 0	155 2 6	340 0 6	285	Do. (Bandon).
27 0 0	—	1 17 3	41 0 0	69 17 3	45	6 ¹ . Skibbereen.
18 0 0	—	2 0 4	—	20 0 4	36	6 ² . Bantry.
43 0 0	3 5 0	1 17 0	80 0 0	128 2 0	55	6 ³ . Kenmare.
245 0 0	44 14 0	27 6 1	434 15 7	751 15 8	371	7 ¹ . Killarney.
100 0 0	3 0 0	6 13 4	83 12 6	193 5 10	90	7 ² . Waterville.
2,017 5 0	77 12 0	68 9 2	1,164 6 7	3,327 12 9	1974	8. Limerick.
168 0 0	6 4 0	6 13 4	160 0 0	340 17 4	173	9 ¹ . Galway.
69 0 0	65 16 0	—	65 0 0	189 16 0	74	9 ² . Connemara.
67 0 0	3 18 0	5 5 4	—	76 3 4	100	10 ¹ . Ballinakill.
106 0 0	7 6 0	—	40 0 0	153 6 0	136	10 ² . Bangor.
238 0 0	129 18 0	9 16 1	200 0 0	577 14 1	271	11. Ballina.
86 0 0	31 10 0	2 5 6	233 11 0	356 6 6	110	12. Sligo.
223 0 0	—	1 15 6	219 1 0	443 16 6	217	13. Ballyshannon.
410 10 0	7 0 0	15 18 1	—	433 8 1	528	14. Letterkenny.
642 0 0	113 0 0	26 3 4	240 0 0	1,021 3 4	701	15 ¹ . Londonderry.
610 10 0	78 3 0	42 5 10	95 0 0	835 18 10	657	15 ² . Coleraine.
256 10 0	5 0 0	2 0 0	—	263 10 0	221	16. Ballycastle.
512 10 0	21 5 0	2 10 0	142 16 0	679 1 0	778	17 ¹ . Drogheda.
182 0 0	13 14 0	9 12 10	56 0 0	260 6 10	264	17 ² . Dundalk.
8,815 15 0	941 16 6	475 6 11	4,729 16 4	14,982 14 9	10,877	Total, 1920.
9,837 5 0	957 19 0	905 16 4½	2,951 13 3	14,652 13 7½	11,932	Total, 1919.

men employed is made up as follows:—

11. Head Weirs	.. ..	1 man.
12. Box, Crib, etc. (every 5)	.. ..	2 men.
13. Gap, Eye, etc.	.. ..	2 do.
14. Sweepers	.. ..	6 do.
15. Coghtils	.. ..	1 man.

16. Loop or Frame Nets	.. ..	1 man.
17. Draft Nets for Pollen	.. ..	2 men.
18. Long Lines	.. ..	3 do.
19. Eel Trap	.. ..	3 do.

APPENDIX NO. 16.

ABSTRACTS OF ACCOUNTS RECEIVED FROM THE DIFFERENT DISTRICTS FOR THE YEAR, 1920.

DUBLIN DISTRICT.				£	s.	d.	£	s.	d.
Balance from previous year							434	15	3
194	Salmon Rod Licences	...	...	194	0	0			
13	Draft Net	..	...	39	0	0			
17	Drift Net	..	...	51	0	0			
1	Pole Net	...	...	2	0	0			
Total Licence Duty ...				—			286	0	0
Fines and costs received				—			23	6	8
Sales of forfeited engines ...				—			14	10	0
Rates on Valuations of Fisheries ...				—			7	10	0
Subscriptions (including £32 9s. from Department of Agriculture and Technical Instruction)				—			72	8	0
Miscellaneous Receipts				—			0	10	0
Interest on Bank Account				—			13	16	7
Total				—			£852	16	6

The Expenditure was as follows :—

Water Bailiffs	...	...	...	234	0	0			
Expenses of Prosecutions	...	...	...	13	5	2			
Postage and Insurance	...	...	...	4	12	3			
Printing and Stationery	...	...	...	7	4	3			
Travelling and Miscellaneous	...	...	...	71	3	2			
Salaries	...	...	...	24	0	0			
Proportion of Penalties to Prosecutors	...	...	...	10	0	0			
Commission on Sale of Licences	...	...	...	24	0	0			
Total	...	...	...	—			388	4	10
Balance	{ In Bank ...			464	10	6			
	{ In hands of Clerk			0	1	2			
				—			464	11	8
							£852	16	6

WEXFORD DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...				243	7	10
141 Salmon Rod Licences	141	0	0			
1 Cross Line Licence ...	2	0	0			
92 Draft Net Licences ...	276	0	0			
1 Eel Line Licence	0	10	0			
Total Licence Duty	—			419	10	0

APPENDIX NO. 16 —continued.

	£	s.	d.	£	s.	d.
Fines received	—	—	—	5	2	2
Rates on Valuations of Fisheries ...	—	—	—	21	19	0
Subscriptions (including £67 from Department of Agriculture and Technical Instruction) ...	—	—	—	131	3	8
Interest on Bank Account ...	—	—	—	5	6	11
Total	—	—	—	£826	9	7

The Expenditure was as follows :—

Water Bailiffs	426	6	8			
Expenses of Prosecutions ...	29	13	9			
Postage	2	5	11			
Printing and Stationery	7	17	1			
Travelling and Miscellaneous (in- cluding purchase of Salmon ova and repairs to Tullow Weir)	65	3	3			
Commission on Sale of Licences ...	0	16	0			
Insurance	7	13	8			
Bank Charges	0	10	6			
Total	—	—	—	540	6	10
Balance { In Bank No. 1 A/c.	339	4	7			
{ Less due No. 2 A/c.	53	1	10			
				286	2	9
				£826	9	7

WATERFORD DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	1,013	4	9
268 Salmon Rod Licences	268	0	0			
123 Snap Net	184	10	0			
19 Draft Net	57	0	0			
91 Drift Net	273	0	0			
1 Bag Net Licence ...	10	0	0			
2 Stake Net Licences	60	0	0			
4 Box or Crib	40	0	0			
22 Gap or Rye (for taking Eels) Licences	22	0	0			
Total Licence Duty ...	—	—	—	914	10	0
Fines received	—	—	—	13	11	6
Rates on Valuations of Fisheries ...	—	—	—	59	10	6
Grant from Department of Agricul- ture and Technical Instruction ...	—	—	—	100	0	0
Total	—	—	—	£2,100	16	9

APPENDIX NO. 16.—continued.

	£	s.	d.	£	s.	d.
The Expenditure was as follows.—						
Water Bailiffs	818	10	0			
Expenses of Prosecutions	24	10	9			
Postage	1	12	7			
Printing and Stationery	19	2	4			
Travelling and Miscellaneous Expenses	66	6	11			
Salaries	125	0	0			
Commission ...	36	10	6			
Insurance of Employees under Workmen's Compensation Acts ...	19	1	5			
Proportion of Penalties to Prosecutors	11	4	2			
Rewards for killing Seals ...	13	0	0			
Auditing of Accounts for two years	10	10	0			
	<hr/>					
Total				1,145	8	8
Balance in Bank				955	8	1
				<hr/>		
				£2,100	16	9

LISMORE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—			245	5	6½
217 Salmon Rod Licences	217	0	0			
21 Snap Net Licences	31	10	0			
17 Draft Net	51	0	0			
92 Drift Net	276	0	0			
1 Pole Net Licence	2	0	0			
3 Stake Net Licences	90	0	0			
1 Box or Crib Licence	10	0	0			
	<hr/>					
Total Licence Duty ...				677	10	0
Fines received				6	0	2
Produce of Sale of Forfeited Engines				11	0	0
Rates on Valuations of Fisheries ...				206	14	0
Subsidy to Hatcheries received from Department of Agriculture and Technical Instruction				100	0	0
Produce of Sale of Ova				134	0	0
Insurance refund				4	2	6
Subscriptions				105	16	6
Interest on Bank Account				5	17	0
	<hr/>					
Total ...				£1,496	5	8½

APPENDIX NO. 16—*continued.*

	£	s.	d.	£	s.	d.
The Expenditure was as follows:—						
Water Bailiffs	663	3	11			
Expenses of Prosecutions	43	9	7			
Postage	7	8	8			
Printing and Stationery ...	8	3	10			
Travelling and Miscellaneous Expenses ...	199	9	10			
Salaries	120	0	0			
Commission on Sale of Licences ...	32	7	8			
Proportion of Penalties to Prosecutors ...	9	10	0			
Rewards for killing Seals	1	10	0			
Insurance	43	13	7			
Rates, Rent of Boathouse, Bailiffs' Cottages and Hatcheries	62	15	7			
Expenses of Banteer and Mallow Hatchery ...	23	9	2			
Launch and Boat Expenses	11	0	6			
New Engine for Launch	155	11	0			
Total	—			1,381	13	4
Balance—In Bank	256	11	6½			
Due to Clerk	141	19	2			
				114	12	4½
				£1,496	5	8½

CORK DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year	—			68	17	2½
209 Salmon Rod Licences	209	0	0			
43 Draft Net „ ...	129	0	0			
Total Licence Duty ...	—			338	0	0
Fines received	—			0	13	4
Rates on Valuations of Fisheries	—			29	0	0
Subscriptions (including £658 from Department of Agriculture and Technical Instruction)	—			821	3	0
Interest on Bank Account	—			3	1	1
Total	—			£1,260	14	7½

The Expenditure was as follows:—

Water Bailiffs	547	9	0
Postage, Printing and Stationery	11	3	6½
Travelling and Miscellaneous Expenses	61	19	7
Balance due to Bank from previous year	13	2	8

APPENDIX NO. 16—continued.

	£	s.	d.	£	s.	d.
Salaries and Commission ...	176	5	2			
Insurance ...	7	7	4			
Launch and Boat Expenses ...	77	1	1			
Proportion of Penalties to Prosecutors	3	0	0			
Total ...				897	8	4
Balance { In Bank ...	399	7	0			
{ Less Amount due to Clerk	36	0	9			
				363	6	3
				£1,260	14	7

CORK DISTRICT (Bandon Division).

	£	s.	d.	£	s.	d.
Balance from previous year				167	14	5
91 Salmon Rod Licences ...	91	0	0			
1 Cross Line „ ...	2	0	0			
32 Draft Net „ ...	96	0	0			
Total Licence Duty ...				189	0	0
Fines and Costs received ...				2	0	0
Rates on Valuations of Fisheries ...				2	18	0
Subscriptions received (including £90 from Department of Agriculture and Technical Instruction) ...				155	2	6
Total ...				£516	14	11

The Expenditure was as follows:—

Water Bailiffs ...	225	4	1			
Expenses of Prosecutions ...	7	7	0			
Stationery and Postage ...	2	0	0			
Printing and Advertising ...	2	15	4			
Travelling and Miscellaneous Ex- penses ...	5	8	5			
Salaries and War Bonus ...	97	0	0			
Proportion of Penalties to Prose- cutors ...	0	13	4			
Commission on Sale of Licences	9	9	0			
Insurance ...	9	15	3			
Contribution to Fishery Conference	2	0	0			
Total ...				361	13	3
Balance { In Bank ...	149	7	8			
{ In hands of Clerk	5	14	0			
				155	1	8
				£516	14	11

APPENDIX NO. 16—*continued.*

SKIBBEREEN DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	28	4	6
9 Salmon Rod Licences ...	9	0	0			
6 Draft Net „ ...	18	0	0			
Total Licence Duty ...	—	—	—	27	0	0
Fines received ...	—	—	—	1	10	0
Subscriptions (including £25 from Department of Agriculture and Technical Instruction) ...	—	—	—	41	0	0
Interest on Bank Account ...	—	—	—	0	7	3
Total ...	—	—	—	£98	1	9

The Expenditure was as follows.—

Water Bailiffs ...	43	5	0			
Expenses of Prosecutions ...	3	13	0			
Postage ...	0	9	9			
Stationery ...	0	2	0			
Travelling and Miscellaneous (£14 for ova for Skibbereen Hatcheries)	26	0	8			
Salaries ...	10	0	0			
Commission on Sale of Licences ...	1	11	0			
Total ...	—	—	—	85	1	5
Balance { In Bank ...	5	10	5			
{ In hands of Clerk ...	7	9	11			
	—	—	—	13	0	4
	—	—	—	£98	1	9

BANTRY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	45	1	10
6 Draft Net Licences ...	18	0	0			
Total Licence Duty ...	—	—	—	18	0	0
Interest on Bank Account ...	—	—	—	1	5	4
Produce of sale of forfeited engines	—	—	—	0	15	0
Total ...	—	—	—	£65	2	2

The Expenditure was as follows.—

Postage ...	0	11	6
Printing and Stationery ...	0	19	6
Travelling and Miscellaneous Ex- penses ...	1	0	6
Salaries ...	10	10	0

APPENDIX NO 16—continued.

	£	s.	d.	£	s.	d.
Commission on Sale of Licences ...	0	18	0			
Proportion of Penalties to Prosecutors		5	6			
	<hr/>					
Total ...	—			14	5	0
Balance in Bank	—			50	17	2
	<hr/>					
				£65	2	2

KENMARE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—			100	7	7
15 Salmon Rod Licences ...	15	0	0			
6 Draft Net „ ...	18	0	0			
1 Bag Net Licence ...	10	0	0			
	<hr/>					
Total Licence Duty ...	—			43	0	0
Fines received ...	—			1	17	0
Rates on Valuations of Fisheries ...	—			3	5	0
Subscriptions (including £60 from the Department of Agriculture and Technical Instruction) ...	—			80	0	0
	<hr/>					
Total ...	—			£228	9	

The Expenditure was as follows:—

Water Bailiffs ...	78	6	11			
Postage ...	0	7	6			
Printing and Stationery ...	1	13	4			
Travelling and Miscellaneous ...	3	18	9			
Salaries ...	18	0	0			
Proportion of Penalties to Prosecutors		5	6			
	<hr/>					
Total ...	—			102	12	0
Balance in Bank ...	124	17	7			
In hands of Clerk ...	1	0	0			
	<hr/>					
				125	17	7
	<hr/>					
				£228	9	7

WATERVILLE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—			191	7	9
52 Salmon Rod Licences ...	52	0	0			
6 Draft Net „ ...	18	0	0			
3 Box or Crib „ ...	30	0	0			
	<hr/>					
Total Licence Duty ...	—			100	0	0

APPENDIX NO. 16—*continued.*

	£	s.	d.	£	s.	d.
Fines received				6	13	4
Rates on Valuations of Fisheries ...	—			3	0	0
Subscriptions (including £55 from the Department of Agriculture and Technical Instruction)	—			83	12	6
Total	—			£384	13	7

The Expenditure was as follows —

Water Bailiffs	133	1	0			
Printing and Stationery	8	7	9			
Travelling and Miscellaneous Ex- penses	34	8	6			
Salaries	65	0	0			
Commission on Sale of Licences	4	0	0			
Expenses of Prosecutions	7	17	0			
Bank's commission	0	10	6			
Total				253	4	9
Balance in Bank	—			131	8	10
				£384	13	7

KILLARNEY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year				246	5	8
119 Salmon Rod Licences	119	0	0			
42 Draft Net	126	0	0			
Total Licence Duty				245	0	0
Fines received				1	7	2
Rates on Valuations of Fisheries				44	14	0
Subscriptions (including £150 from the Department of Agricul- ture and Technical Instruction)...				225	0	0
Grants from Department of Agri- culture and Technical Instruction to upkeep of Cromane Patrol				209	15	7
Refund by Department of cost of new installation of motor boat " Vigilant "				21	17	3
Insurance re Injury to Water Bailiff				4	1	8
Total				£998	1	4

The Expenditure was as follows —

Water Bailiffs	517	0	0
Expenses of Prosecutions	70	6	0
Postage	3	14	0
Printing and Stationery	8	11	2
Travelling and Miscellaneous Ex- penses	155	15	5
Salaries	80	0	0

APPENDIX NO. 16—continued.

	£	s.	d.	£	s.	d.
Proportion of Penalties to Prosecutors	0	6	8			
Commission on Sale of Licences	19	8	0			
Total				855	1	3
Balance in Bank				143	0	1
				£998	1	4
LIMERICK DISTRICT.						
	£	s.	d.	£	s.	d.
Balance from previous year in Clerks hands:—				19	13	4
515 Salmon Rod Licences	515	0	0			
5 Cross Line	6	5	0			
26 Snap Net	39	0	0			
101 Draft Net	303	0	0			
65 Drift Net	195	0	0			
1 Pole Net	2	0	0			
23 Stake Weir	690	0	0			
11 Box or Crib	110	0	0			
157 Eel Gap	157	0	0			
Total Licence Duty				2,017	5	0
Fines received				61	13	10
Produce of Sales of Forfeited Engines				0	10	0
Rates on Valuations of Fisheries				77	12	0
Subscriptions (including £1,035 16s. 7d. from the Department of Agriculture and Technical Instruction)				1,164	6	7
Interest on Bank Account				4	6	4
Miscellaneous Receipts				1	19	0
Total				3,347	6	1
Due to Bank	2	19	5			
Due to Clerk	134	17	5	137	16	10
				£3,485	2	11
The Expenditure was as follows:—						
Water Bailiffs	2,539	7	0			
Expenses of Prosecutions	114	14	1			
Postage	17	7	4½			
Printing and Stationery	19	0	5			
Travelling and Miscellaneous	481	19	9½			
Salaries	221	18	4			
Proportion of Penalties to Prosecutors	20	16	8			
Interest to Bank	9	5	0			
Half-yearly Bank charge	0	10	6			
Balance due to Bank	60	3	9			
Total				£3,485	2	11

APPENDIX NO. 16.—*continued.*

GALWAY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year:—						
In Bank	61	1	6			
Less due to Bank on Petty Cash Account	26	3	11			
				34	17	7
56 Salmon Rod Licences	56	0	0			
10 Draft Net	30	0	0			
5 Box or Crib	50	0	0			
23 Gap, Eye or Basket Licences	23	0	0			
2 Long Lines for Eels	1	10	0			
1 Eel Trap	7	10	0			
Total Licence Duty	—			168	0	0
Fines received	—			6	13	4
Rates on Valuation of Fisheries	—			6	4	0
Subscriptions (including £140 from the Department of Agriculture and Technical Instruction)	—			160	0	0
				£375	14	11

The Expenditure was as follows:—

Water Bailiffs	192	4	0
Expenses of Prosecutions	12	7	10
Postage	7	12	4
Printing and Stationery	2	13	11
Travelling and Miscellaneous	45	12	0
Subscription to Corrib Fisheries Association	60	0	0
Hatchery Expenses...	6	0	0
Total	326	10	1

Balance {	In Bank	69	10	10
	Due to Bank on Petty			
	Cash Account	20	6	0

49 4 10

£375 14 11

APPENDIX NO. 16.—continued.

CONNEMARA DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year				124	7	8
64 Salmon Rod Licences	64	0	0			
5 Gap, Eye or Basket Licences	5	0	0			
Total Licence Duty				69	0	0
Rates on Valuations of Fisheries				65	16	0
Subscriptions (including £30 from the Department of Agriculture and Technical Instruction)				55	0	0
Total				£314	3	8

The Expenditure was as follows:—

Water Bailiffs	181	0	0			
Postage	2	9	0			
Printing and Stationery	4	14	9			
Travelling and Miscellaneous	26	17	3			
Salaries	27	10	0			
Commission on Sale of Licences	3	4	0			
Total				245	15	0
Balance in Bank				68	8	8
				£314	3	8

BALLYNAKILL DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year				106	2	6
34 Salmon Rod Licences	34	0	0			
11 Draft Net	33	0	0			
Total Licence Duty				67	0	0
Fines received				5	5	4
Rates on Valuations of Fisheries				3	18	0
Total				£182	5	10

APPENDIX 16—continued.

The Expenditure was as follows:—	£	s.	d.	£	s.	d.
Water Bailiffs	49	5	0			
Expenses of Prosecutions ...	15	13	1			
Postage	0	18	9			
Printing and Stationery ...	1	13	0			
Travelling and Miscellaneous	6	2	3			
Salaries	23	0	0			
Commission ...	5	6	0			
	<hr/>					
Total				101	18	1
Balance in Bank				80	7	9
				<hr/>		
				£182	5	10

BANGOR DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year				178	3	5
38 Salmon Rod Licences	38	0	0			
10 Draft Net	30	0	0			
6 Drift Net	18	0	0			
2 Bag Net	20	0	0			
Total Licence Duty ...	—			106	0	0
Rates on Valuations of Fisheries	—			7	6	0
Grant from Department of Agriculture and Technical Instruction ...	—			40	0	0
Total	—			£331	9	5

The Expenditure was as follows:—						
Water Bailiffs	...	...	...	97	1	6
Expenses of Prosecutions ...	...	...	...	2	0	0
Postage ... ..	...	...	...	1	0	0
Travelling and Miscellaneous Ex-						
penses	...	...	...	2	0	0
Salaries	...	...	...	30	0	0
Insurance	...	...	...	8	9	6
				<hr/>		
Total	...	...	...			140 11 0
Balance { In Bank	...	...	...	164	2	0
{ In hands of Clerk				26	16	5
				<hr/>		
						190 18 5
				<hr/>		
						£331 9 5

APPENDIX NO. 16—continued.

BALLINA DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year		—		206	13	9
51 Salmon Rod Licences ...	51	0	0			
14 Draft Net „ ...	42	0	0			
17 Drift Net „ ...	51	0	0			
7 Box or Crib „ ...	70	0	0			
24 Eel Gap „ ...	24	0	0			
Total Licence Duty ...	—			238	0	0
Fines received	—			2	13	4
Rates on Valuations of Fisheries	—			129	18	0
Grant from Department of Agriculture and Technical Instruction	—			200	0	0
Refund of Premium on Employer's Liability Policy ...	—			7	2	9
Total	—			£784	7	10

The Expenditure was as follows:—

Water Bailiffs	457	0	0			
Expenses of Prosecutions ...	12	13	0			
Postage	1	0	0			
Printing and Stationery	1	4	0			
Travelling and Miscellaneous	4	10	6			
Salaries	40	0	0			
Proportion of Penalties to Prosecutors...	1	6	8			
Premium on Employer's Liability Policy	12	1	9			
Total	—			529	15	11
Balance { In Bank	240	0	0			
{ In hands of Clerk	14	11	11	254	11	11
				£784	7	10

SLIGO DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year		—		118	18	0
64 Salmon Rod Licences ...	64	0	0			
7 Draft Net „ ...	21	0	0			
1 Snap Net „ ...	1	0	0			
Total Licence Duty ...	—			86	0	0
Fines received	—			0	10	0
Rates on Valuations of Fisheries	—			34	10	0
Subscriptions (including £100 from the Department of Agriculture Technical Instruction) ...	—			233	11	0
Interest on Bank Account	—			1	15	6
Total	—			£475	4	6

APPENDIX NO. 16—continued.

				£	s.	d.	£	s.	d.	
The Expenditure was as follows:—										
Water Bailiffs	...	...	...	227	12	6			
Expenses of Prosecutions	...	...	...	8	8	6			
Postage	...	...	...	1	15	0			
Printing and Stationery	...	...	...	2	7	3			
Travelling and Miscellaneous Ex-										
penses	...	...	...	8	13	7			
Salaries	...	...	...	35	0	0			
Proportion of Penalties to Prosecutors				5	3	4				
Insurance	...	...	...	5	3	6			
Subscription to Irish Conservators'										
Conference	...	...	...	2	0	0			
				<hr/>						
Total	...	...	...	—			296	3	8
Balance	{ In Bank			178	4	5	}	179	0	10
	{ In hands of Clerk			0	16	5				
				<hr/>			<hr/>			
							£475	4	6	

BALLYSHANNON DISTRICT.

				£	s.	d.	£	s.	d.
Balance from previous year				—			232	0	3
72 Salmon Rod Licences	...	...	...	72	0	0			
1 Cross Line	..	...	...	2	0	0			
12 Draft Net	..	...	...	36	0	0			
1 Drift Net	..	...	...	3	0	0			
1 Stake Net	..	...	...	30	0	0			
5 Box or Crib Licences	...	...	...	50	0	0			
30 Gap or Eye	..	...	...	30	0	0			
Total Licence Duty	...	...	...	—			223	0	0
Subscriptions	...	...	...	—			219	1	0
Interest	...	...	...	—			1	15	6
Total	...	...	...	—			£675	16	9

The Expenditure was as follows:—

Water Bailiffs	...	...	...	409	13	6			
Printing and Stationery	...	...	...	2	18	0			
Travelling and Miscellaneous	...	...	...	3	10	0			
Bank charges	...	...	...	1	1	0			
Salaries	...	...	...	60	0	0			
Auditors' Fee	...	...	...	4	4	0			
Proportion of Penalties to Prosecutors				5	7	3			
Total	...	...	...				486	13	9
							189	3	0
Balance in Bank	...	...	...				£675	16	9

APPENDIX NO. 16—continued.

LETTERKENNY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	—	—	—
172 Salmon Rod Licences ...	172	0	0			
14 Draft Net „ ...	42	0	0			
50 Drift Net „ ...	150	0	0			
2 Bag Net Licences ...	20	0	0			
2 Box or Crib „ ...	20	0	0			
13 Loop Net „ ...	6	10	0			
Total Licence Duty ...	—	—	—	410	10	0
Fines received ...	—	—	—	12	13	9
Rates on Valuations of Fisheries ...	—	—	—	7	0	0
Rebate on Insurance of Officers ...	—	—	—	5	4	4
Total ...	—	—	—	432	8	1
Due to Bank ...	—	—	—	252	3	5
				£685	11	6
Debit Balance at close of 1919						
Accounts ...	109	1	6			

The Expenditure was as follows.—

Water Bailiffs ...	398	0	0			
Postage ...	3	6	10			
Printing and Stationery ...	5	9	6			
Travelling and Miscellaneous ...	26	8	0			
Salaries ...	100	0	0			
Rewards for killing Seals ...	0	10	0			
Insurance ...	22	1	8			
Grant to repair Spawning Beds on Lackagh ...	5	0	0			
Commission on Sale of Licences ...	15	14	0			
Total ...	—	—	—	£685	11	6

LONDONDERRY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	283	2	11
301 Salmon Rod Licences ...	301	0	0			
21 Draft Net „ ...	63	0	0			
48 Drift Net „ ...	144	0	0			
2 Pole Net „ ...	4	0	0			
4 Bag Net „ ...	40	0	0			
3 Stake Net „ ...	90	0	0			
Total Licence Duty ...	—	—	—	642	0	0
Fines received ...	—	—	—	26	3	4
Rates on Valuations of Fisheries ...	—	—	—	113	0	0
Grant from Department of Agriculture and Technical Instruction ...	—	—	—	80	0	0
Subscription from Moyle, Bann, and Portrush Fisheries ...	—	—	—	160	0	0
Total ...	—	—	—	£1,304	6	3

APPENDIX NO. 16—*continued.*

The Expenditure was as follows:—

	£	s.	d.	£	s.	d.
Water Bailiffs	849	0	0			
Expenses of Prosecutions ...	47	1	1			
Printing and Stationery	4	8	1			
Travelling and Miscellaneous Ex- penses	12	18	6			
Salaries	50	0	0			
Commission on Sale of Licences ...	35	4	0			
	<hr/>					
Total				998	11	8
Balance in Bank				305	14	7
				<hr/>		
				£1,304	6	3

COLERAINE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...						
78 Salmon Rod Licences	78	0	0			
8 Draft Net	24	0	0			
11 Drift Net	33	0	0			
52 Trammel Net for Pollen Licences ...	52	0	0			
1 Bag Net Licence	10	0	0			
4 Box or Crib Licences	40	0	0			
46 Coghill	138	0	0			
151 Draft Net for Pollen Licences	226	10	0			
3 Draft Net for Eel Licences	9	0	0			
	<hr/>					
Total Licence Duty				610	10	0
Fines received				40	5	10
Rates on Valuations of Fisheries ...				78	3	0
Rent of Boat House				2	0	0
Grant from Department of Agricul- ture and Technical Instruction				95	0	0
Balance due Treasurer				103	10	6
				<hr/>		
Total				£929	9	4

The Expenditure was as follows:—

Balance due Treasurer	80	19	2			
Water Bailiffs	509	13	5			
Expenses of Prosecutions ...	38	5	6			
Postage	2	19	10			
Printing and Stationery	6	0	6			
Travelling and Miscellaneous	184	2	9			
Salaries	70	0	0			
Proportion of Penalties to Prosecu- tors	3	6	8			
Commission on Sale of Licences ...	34	1	6			
	<hr/>					
Total				£929	9	4

APPENDIX NO. 16—continued.

BALLYCASTLE DISTRICT.

			£	s.	d.	£	s.	d.
56 Salmon Rod Licences	...	...	56	0	0			
8 Draft Net	"	...	24	0	0			
12 Drift Net	"	...	36	0	0			
14 Bag Net	"	...	140	0	0			
1 Coghill	"	...	0	10	0			
<hr/>								
Total Licence Duty	...	...				256	10	0
Fines received	...	...	—			2	0	0
Rates on Valuations of Fisheries ...			—			5	0	0
<hr/>								
Total	...	...	—			£263	10	0

The Expenditure was as follows:—

Water Bailiffs	...	...	177	19	8			
Expenses of Prosecutions	...	...	49	8	7			
Postage	...	...	0	13	9			
Printing and Stationery	...	...	0	5	0			
Miscellaneous (including reductions on licences)	...	...	12	7	0			
Salaries	...	...	20	0	0			
Commission on Sale of Licences	...	...	2	16	0			
<hr/>								
Total	...	...				£263	10	0

DUNDALK DISTRICT.

			£	s.	d.	£	s.	d.
Balance from previous year	...	...	—			92	14	6
93 Salmon Rod Licences	...	...	93	0	0			
25 Draft Net	"	...	75	0	0			
1 Head Weir Licence	...	...	6	0	0			
7 Eel Gap or Eye Licences	...	...	7	0	0			
2 Long Lines for Eels	...	...	1	0	0			
<hr/>								
Total Licence Duty	...	...				182	0	0
Fines received	...	...	—			9	12	10
Rates on Valuations of Fisheries ...			—			13	14	0
Subscriptions (including £40 from Department of Agriculture and Technical Instruction)	...	...	—			55	0	0
<hr/>								
Total	...	...	—			£353	1	4

APPENDIX NO. 16—*continued.*

				£	s.	d.	£	s.	d.
The Expenditure was as follows:—									
Water Bailiffs	...	...	...	106	0	0			
Postage	...	...	...	2	0	0			
Printing and Stationery	...	...	...	11	15	2			
Travelling and Miscellaneous Ex- penses	...	...	...	55	16	3			
Salaries	...	...	...	66	0	0			
Commission on Sale of Licences ...				7	18	0			
Proportion of Penalties to Prosecutors				4	0	0			
Total				—			253	9	5.
Balance in Bank				—			99	11	11
							<hr/> £353 1 4		

DROGHEDA DISTRICT.

				£	s.	d.	£	s.	d.
Balance in Bank				267	10	8			
							267	10	8
125 Salmon Rod Licences	...	...	...	125	0	0			
3 Cross Line "	...	...	...	6	0	0			
1 Snap Net Licence	...	...	...	1	10	0			
99 Draft Net Licences...	...	...	...	297	0	0			
6 Box or Crib "	...	...	...	60	0	0			
23 Eel "	...	...	...	23	0	0			
Total Licence Duty ...				—			512	10	0
Fines received				—			2	10	0
Rates on Valuations of Fisheries ...				—			21	5	0
Subscriptions (including £40 from Department of Agriculture and Technical Instruction) ...				—			142	16	0
Total				—			<hr/> £946 11 8		

The Expenditure was as follows:—

Water Bailiffs	...	...	...	372	13	11
Expenses of Prosecutions ...	...	...	...	5	8	3
Postage	...	...	...	4	2	5
Printing and Stationery ...	...	...	...	9	12	11
Travelling and Miscellaneous ex- penses	...	...	...	98	1	5
Salaries	...	...	...	140	5	11
Commission on Collection of Rates				2	10	9
Commission on Sale of Licences				3	12	0
Proportion of Penalties to Prosecutors				1	0	0

APPENDIX NO. 16—continued.

		£	s.	d.	£	s.	d.
National Health Insurance	...	8	17	1			
Total	***				646	4	8
Balance in Bank	***				300	7	0
					<u>£946</u>	<u>11</u>	<u>8</u>

STATEMENT OF RECEIPTS AND EXPENDITURE BY BOARDS OF CONSERVATORS
IN YEAR 1920.

RECEIPTS.

	£	s.	d.
Licences	8,845	15	0
Fines	232	2	11
Rates	941	16	6
Subscriptions	1,381	15	2
Grants from Department	3,369	18	5
Miscellaneous	221	6	9
	<u>£14,992</u>	<u>14</u>	<u>9</u>

EXPENDITURE.

	£	s.	d.
Bailiffs	10,252	17	11
Salaries	1,609	9	5
Travelling and Miscellaneous	1,659	14	3½
Proportion of Penalties to Prosecutors	76	5	9
Other expenses	1,565	14	11
	<u>£15,164</u>	<u>2</u>	<u>3½</u>

APPENDIX NO. 17.

Output of Salmon and Trout Fry in Ireland during the season 1920-21.

	Hatching or Enlarging Station.	River System.	Salmon.	Trout.
1.	Zoological Gardens Dublin.	Liffey	—	20,000
2.	Banteer and Mallow	Cork, Blackwater ...	552,000	—
3.	Clifden	Owenglin & Derry- vraun.	5,000	15,000
4.	Aasleagh	Erriff ...	85,000	—
5.	Belleek	Erne	30,000	—
6.	Glenties	Owenea	126,000	—
7.	Newtownstewart ...	Foyle	155,000	—
8.	Kilrea	Bann and Moyrea	56,500	—
9.	Bushmills ...	Bush ...	511,000	—
		Totals ...	1,520,500	35,000

APPENDIX

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	What is the general state of the Salmon Fisheries in this District? Are they, as a rule, improving or declining?	
	1920.	1919.
Dublin	Fair; declining.	Improved slightly; net and rod fishing fairly good.
Wexford	Improving.	Improving.
Waterford	Improving.	Very fair; improving
Lismore	Good; improving.	Good; improving
Cork	Fair; improving.	Fair; maintaining the average
Cork (Bandon)	Good; improving.	Fair; improving.
Skibbereen	Fair; improving.	Fair; improving.
Bantry	Declining.	Improving.
Kenmare	Normal; declining.	About the same
Waterville	Good; improving	Good; improving
Killarney	Good; spring fishing improving, but grilse failed.	Improving
Limerick	Normal; improving.	Improving; a marked improvement on last year.
Galway	Very bad; declining.	Fair; declining
Connemara	Normal; spring salmon improved.	Fairly good; improving
Ballinakill	Improving	Declining
Bangor	Declining	Improving.
Ballina	On average with past 5 years	Improving
Sligo	Fair; not declining	Fair; not declining
Ballyshannon	Fair; declining	Below last year's average; declining
Letterkenny	Fair; no change	Fair
Londonderry...	Very bad	Improved as compared with 1918, but declining generally during past eight years.
Coleraine	Declining	Improving
Ballycastle	Declining	Not up to the average generally; the Bush, Portrush, Portmoon, and Portbraddon Fisheries considerably below the average.
Dundalk	Fair; improving	Fairly satisfactory in Dee and Glyde rivers; bad in other parts of district.
Drogheda	No change	Improving

No. 18.

CONSERVATORS relative to SALMON FISHERIES.

Has the take of Salmon and Grilse by nets and weirs throughout the District been more, or less, productive in the present year than in the past year?				DISTRICT.			
1920.				1919.			
Less productive	..	..	..	Productive	...	...	Dublin
More productive	..	..	..	More productive	...	...	Wexford.
More productive	...	..	..	More productive	...	...	Waterford.
More productive	...	...	...	More productive	...	...	Lismore.
Less productive	..	..	..	Slightly more productive	...	...	Cork.
Salmon more productive; grilse less productive	...	..	..	Grilse more productive; salmon less productive.	...	...	Cork (Bandon).
Less productive	...	..	..	More productive.	...	...	Skibbereen
Less productive	..	..	..	More productive; the best for the past 30 years.	...	...	Bantry
Less productive	...	..	..	Most productive for several years	...	...	Kenmare.
Salmon more productive; grilse less productive	...	..	..	More productive	...	...	Waterville
Salmon by nets about the same; grilse less productive; no weirs in District.	...	..	..	Much more productive	...	...	Killarney.
Salmon considerably more productive; grilse less productive	...	..	..	Much more productive	...	...	Limerick.
Much less productive	..	..	..	Less productive than in previous years.	...	...	Galway.
No nets or weirs used.	..	..	..	No Salmon or grilse taken by nets or weirs.	...	...	Connemara.
Less productive; no grilse	..	..	..	Less productive	...	...	Ballinakill.
Less productive	..	..	..	Much more productive	...	...	Bangor.
Less productive	...	...	...	More productive	...	...	Ballina.
More productive	..	..	..	About the same	...	...	Sligo.
Less productive	..	..	..	About the same	...	...	Ballyshannon
No reliable information available owing to disturbed state of country	..	..	..	More productive generally than last year.	...	...	Letterkenny
Considerably less productive	..	..	..	More productive.	...	...	Londonderry
About the same	...	..	..	More productive	...	...	Coleraine.
Below average in all fisheries in District except Portbraddon	..	..	..	Less productive	...	...	Ballycastle
More productive.	..	..	..	Less productive generally	...	...	Dundalk
Slightly less productive	..	..	..	Salmon less productive; grilse more productive.	...	...	Drogheda.

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	Has the take of Sea Trout by nets and weirs been more, or less, productive this year than in the past one ?				
	1920			1919.	
Dublin	About the same	++	++	++	More productive
Wexford	About the same	++	++	++	More productive by nets
Waterford	No sea trout taken	++	++	++	No sea trout taken
Lismore	Cannot ascertain	++	++	++	Cannot ascertain
Cork	Very few sea trout taken	..	..	..	Practically no sea trout in District
Cork (Bandon)	No sea trout taken	++	++	++	None taken
Skibbereen	None taken	..	..	..	—
Bantry	Less productive	..	..	..	—
Kenmare	Less productive	..	..	..	No sea trout taken
Waterville	Less productive	++	++	++	More productive; great improvement in run of sea trout as compared with former nine or ten years
Killaruey	—	—	—	—	—
Limerick	—	—	—	—	—
Galway	About the same	++	++	++	About the same
Connemara	—	—	—	—	—
Ballinakill	Less productive	..	..	..	Less productive
Bangor	Less productive	..	..	..	More productive
Ballina	Less productive	..	..	..	Less productive
Sligo	More productive	++	++	++	—
Ballyshannon	About the same	++	++	++	Less productive
Letterkenny	Cannot say	..	..	..	Cannot say
Londonderry	Less productive	++	++	++	More productive
Coleraine	About the same	..	..	..	More productive
Ballycastle	Less productive	++	++	++	About the same; very few sea trout taken.
Dundalk	Less productive	..	..	..	Less productive
Drogheda	Less productive	..	..	..	More productive

No. 18—*continued.*

CONSERVATORS relative to SALMON FISHERIES—*continued.*

What is your report as to Angling in the District?		District.
1920.	1919.	
Not as good as previous year ...	Fairly good ...	Dublin.
Fairly good ...	Very bad ...	Wexford.
Successful ...	Fair ...	Waterford.
Good from February to June; poor during remainder of season owing to weather conditions.	Good from February to beginning of June; poor during remainder of season owing to continuous drought.	Lismore.
Exceptionally good ...	Fairly good until May, after which dry season set in.	Cork.
Best on record ...	Good in March and April, bad during remainder of season owing to drought.	Cork (Bandon).
Fair ...	Poor ...	Skibbereen.
Bad ...	Bad ...	Bantry
Angling suffered owing to disturbed state of country	Not good, except in River Black-water.	Kenmare.
Salmon fishing good in February, March, April May, September and October, but not so good in June. White trout fishing good from middle of June to end of season.	Spring Salmon fishing only fair owing to bad weather; summer and autumn salmon fishing good; white trout fishing was the best for the past 7 or 8 years.	Waterville.
Good ...	Poor owing to low state of water.	Killarney.
Marked improvement especially in Rivers Peale, Fergus and Maigne.	Salmon fishing up to average. Peal fishing the best for many years.	Limerick.
Bad ...	Not good	Galway.
Spring salmon plentiful but few anglers; grilse and summer fish later and not so plentiful as last year. Sea trout more plentiful and heavier than for some years. Takes were good until nearly the end of the season: anglers were very scarce.	Good during early summer season; unfavourable during August and September; Salmon and grilse more productive than for several years.	Connemara.
Good ...	Good ...	Ballinakill.
Very good ...	Good ...	Bangor.
Spring fishing promised to be good but rains kept water high and discoloured until 24th June when it cleared and until 3rd July fish were inclined to take. From then to close of season angling very bad.	Disappointing, as rivers were well stocked. Angling was best in June and July, bad during remainder of season owing to floods, after which fish did not take.	Ballina.
Fairly good ...	Fairly good.	Sligo.
Very good ...	Bad ...	Ballyshannon.
Good ...	Good ...	Letterkenny.
Bad ...	Below average owing to quantity of flax water in rivers.	Londonderry.
Very good to end of July; poor later.	Good ...	Coleraine.
Spring fishing good; summer and autumn fishing poor.	Fairly good from February to middle of May; very few fish taken during remainder of season owing to drought.	Ballycastle.
Satisfactory ...	Not satisfactory generally.	Dundalk.
Very good on upper reaches; poor on lower reaches.	Spring fishing good; poor afterwards owing to low state of water.	Drogheda

APPENDIX

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	What was the highest whole- sale price given for Salmon, 1920 ?	What was the highest whole- sale price given for Salmon, 1919 ?	What was the lowest whole- sale price 1920 ?	What was the lowest whole- sale price 1919 ?
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Dublin	17 0	2 8	2 4	1 6
Wexford	4 0	2 10	2 3	2 0
Waterford	5 0	2 6	3 0	2 0
Lismore	2 6	2 6	2 4	2 4
Cork	3 4	2 6	2 6	1 6
Cork (Bandon)	3 6	2 8	1 2	2 0
Skibbereen	2 6	2 6	1 6	1 8
Bantry	2 6	3 0	2 0	1 6
Kermare	3 6	2 8	1 4	1 4
Waterville	18 0	17 0	2 0	2 8
Killarney	7 5	7 0	9	1 2
Limerick	4 6	2 8	2 6	2 8
Galway	4 6	2 8	1 6	2 8
Connemara	—	—	—	—
Ballinakill	1 8	1 8	1 2	1 2
Bangor	3 10	2 8	1 11	1 8
Ballina	5 6	2 8	1 5	1 3
Sligo	15 6	17 6	3 6	3 6
Ballyshannon	4 0	3 6	2 0	1 0
Letterkenny	Cannot ascertain.	Cannot ascertain.	Cannot ascertain.	Cannot ascertain.
Londonderry	4 0	2 8	1 0	1 8
Coleraine	3 6	2 8	2 8	2 3
Ballycastle	5 3	2 8	1 10	1 8
Dundalk	4 6	2 8	2 2	2 0
Drogheda	4 0	2 6	2 6	1 10

No. 18—*continued.*

CONSERVATORS relative to SALMON FISHERIES.—*continued.*

Has any peculiarity been observed in the date on which fish have appeared in the rivers this season?		DISTRICT.
1920.	1919.	
Fish appeared about the same time as last year.	Fish ran earlier than in previous season.	Dublin.
Fish appeared somewhat earlier ...	Fish ran earlier ...	Wexford.
Fish appeared somewhat earlier ...	No ...	Waterford.
No. ...	No ...	Lismore.
A few salmon appeared slightly earlier ...	No ...	Cork.
Somewhat earlier ...	No ...	Cork (Bandon).
Nearly all in May and June ...	No. ...	Skibbereen.
No. ...	No ...	Ranry.
Spring fish ran earlier: grilse very late.	Fish ran earlier ...	Kenmare.
No. ...	No. ...	Waterville.
No. ...	No ...	Killarney.
A large run of salmon was noticeable in December.	No ...	Limerick.
No. ...	No ...	Galway.
Spring salmon ran earlier and grilse later than usual.	No ...	Connemara.
Earlier than usual since February ...	No ...	Ballinakill.
No. ...	Fish ran later ...	Bangor.
No. ...	No ...	Ballina.
No. ...	No. ...	Sligo.
Later than usual ...	No ...	Ballyshannon.
No. ...	No ...	Letterkenny.
Grilse much later than usual ...	Fish ran later ...	Londonderry.
No. ...	No ...	Coleraine.
Smolts continued in the Bush River until late in the season; spring fish later than usual.	No ...	Ballycastle.
No. ...	No ...	Dundalk.
Larger fish than usual during May and June.	No. ...	Drogheda.

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	Between what dates did the principal migration of Smolts take place? Was it larger or smaller than usual?	
	1920.	1919.
Dublin	April and May. Slightly larger ...	April and May. About the same ...
Wexford	April and May. Larger ...	March, April and May. Larger ...
Waterford	Middle of April and middle of May. Average.	April and May. Larger ...
Lismore	17th March to 20th May. Larger ...	14th March to 20th May. Larger and more numerous.
Cork	Difficult to ascertain - believed to be good.	28th April and 14th May. Smaller ...
Cork (Bandon)	8th March to 10th April. About the same.	15th March to 10th April. About the same.
Skibbereen	1st to 14th April. Average. ...	1st to 12th April. Average ...
Bantry	May. Smaller ...	May. Smaller ...
Kenmare	18th April to 20th May. Smaller ...	Not observed ...
Waterville	In April. Average.	Middle of April to beginning of May. About the same.
Killarney	Beginning of March to first week in May. Average.	In April and May. About the same
Limerick	March and May, and also in September and November. Average.	March, April, and May. Larger ...
Galway	April and May. Smaller. ...	April and May. Larger ...
Connemara	April and May. Average ...	April and May. Average ...
Ballinakill	Cannot say. ...	Cannot say ...
Bangor	15th April to 25th May. Larger	1st April and 24th May. Larger ...
Ballina	From March to end of May. Larger	April and May. Same as in previous year.
Sligo	May, June and July. Larger ...	May and June. About the same. ...
Ballyshannon	1st April to 10th May. Average ...	April and May ...
Letterkenny	Beginning of May ...	Early in May. Cannot say ...
Londonderry	15th March to 15th June ...	15th March to 15th June. Average
Coleraine	12th April to 30th June. Much larger	12th April to end of June. Much larger.
Ballycastle	24th April to middle of June. Smaller.	15th April to 31st May. Not up to average.
Dundalk	1st to 31st May. Average ...	1st to 31st May. About the same ...
Drogheda	1st May and 30th June. Average ...	April and May. About the same ...

APPENDIX

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	In your opinion was the weather favourable or (1.) To Netting.	
	1920.	1919.
Dublin.	Unfavourable	Favourable in June and July
Wexford.	Favourable	Favourable
Waterford	Favourable	Favourable
Lismore.	Favourable	Favourable
Cork.	Favourable	Favourable
Cork (Bandon)	Favourable	Favourable
Skibbereen.	Unfavourable except in May	Favourable
Bantry.	Favourable	Favourable
Keamare.	Unfavourable	Favourable
Waterville	Favourable	Unfavourable except in tidal rivers.
Killarney.	Unfavourable during March owing to floods.	Favourable
Limerick	Favourable	Favourable
Galway	Unfavourable	Favourable
Connemara	No netting done	No netting done
Ballinakill	Unfavourable	Unfavourable
Bangor	Favourable	Favourable
Ballisla	Unfavourable	Unfavourable.
Sligo	Favourable	Favourable
Ballyshannon	Unfavourable	Favourable
Letterkenny	Unfavourable	Favourable
Londonderry	Unfavourable	Favourable
Coleraine	Favourable	Favourable
Ballycastle	Fairly Favourable	Very unfavourable owing to stormy weather.
Dundalk	Favourable	Favourable from February to April ; unfavourable during remainder of season owing to drought.
Drogheda	Favourable	Favourable in tidal waters.

No. 18—*continued*

CONSERVATORS relative to SALMON FISHERIES—*continued.*

unfavourable in each month of the open season ? (II.) To Angling.		District.
1920.	1919.	
Unfavourable	Favourable in February, March and April.	Dublin.
Favourable	Favourable	Wexford.
Favourable	Favourable	Waterford.
Unfavourable during part of June, July, August and September.	Unfavourable from June to September.	Lismore.
Favourable	Favourable to end of April; unfavourable afterwards.	Cork.
Favourable	Unfavourable except in March and April.	Cork (Bandon).
Favourable, except in September and early October.	Favourable in April only	Skibbereen.
Favourable	Unfavourable	Bantry.
Favourable	Unfavourable	Kenmare.
Favourable	Favourable from April to end of May; otherwise unfavourable during season.	Waterville.
Favourable	Unfavourable	Killarney
Unfavourable owing to low water. . .	Unfavourable owing to lowness of water.	Limerick.
Unfavourable	Favourable	Galway
Unfavourable in February, March, August and September; favourable in April and May; indifferent in June and July.	Unfavourable generally during Spring season and in August and September; unfavourable in some rivers in June and July owing to drought.	Coumshingaugh.
Favourable	Favourable	Ballinakill.
Favourable	Favourable	Bangor.
Unfavourable except from end of June to middle of July.	Unfavourable	Ballina.
Favourable	Favourable	Sligo.
Favourable	Favourable	Ballyshannon.
Favourable	Favourable	Letterkenny.
Favourable	Unfavourable owing to lowness of water	Londonderry
Favourable	Favourable	Coleraine.
February and first half of March unfavourable; last half of March, April and May favourable; rest of season unfavourable.	Fairly favourable from February to May; unfavourable during remainder of season owing to drought, and flax water pollution in August and September.	Ballycastle.
Favourable	Favourable from February to April; Remainder of season too dry.	Dundalk.
Favourable in upper reaches; unfavourable in lower reaches.	Favourable until end of April	Drogheda.

APPENDIX

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	At what period of the year was Grilse first taken.							
	1920.				1919.			
Dublin	June	..	..	..	June	...	...	...
Wexford	Middle of June	..	..	..	Last week in May	...	...	...
Waterford	First week in June	..	..	..	Middle of May	...	...	...
Lismore	May 12	..	..	..	May 10	...	...	...
Cork	June 17	..	..	..	June	...	...	...
Cork (Bandon)	First week in June	..	..	..	June 1	...	...	...
Skibbereen	August	..	..	..	June 24	...	...	...
Bantry	June	..	..	..	June	...	...	...
Kenmare	June 28	..	..	..	June	...	...	...
Waterville	June	..	..	..	May	...	...	...
Killarney	June 3	..	..	..	May 19	...	...	...
Limerick	Middle of May	..	..	..	End of May	...	...	...
Galway	May 31st	..	..	..	May 6	...	...	...
Connemara	June 18	..	..	..	May	...	...	...
Ballinakill	July	..	..	..	June 24	...	...	...
Bangor	May	..	..	..	April	...	...	...
Ballina	May	..	..	..	Middle of May	...	...	...
Sligo	May	..	..	..	June	...	...	...
Ballyshannon	June 15	..	..	..	June	...	...	...
Letterkenny	June	..	..	..	June	...	...	...
Londonderry	June 11	..	..	..	May 20	...	...	...
Coleraine	Beginning of June	..	..	..	June	...	...	...
Ballycastle	June 1	..	..	..	First week in June	...	...	...
Dundalk	July	..	..	..	June	...	...	...
Drogheda	June	..	..	..	June	...	...	...

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	During what months were many Salmon taken with Grilse and were these Salmon on an average heavier or lighter than at other periods?	
	1920.	1919.
Dublin ...	June and July. Lighter	June, July and August. Average weight.
Wexford ...	June. Heavier	June. Heavier
Waterford ...	June and July. Heavier	June and July. Average weight
Lismore ...	June and July. Heavier	June and July. Heavier
Cork ...	June and July. Average weight	June. Heavier
Cork (Bandon) ...	June and July. Average weight	June and July. About the same
Skibbereen ...	Salmon. Average weight, hardly any grilse taken.	August. Average weight
Bantry ...	May and June	May and June. Heavier
Kenmare ...	July. Lighter	June and July. Average weight
Waterville ...	June to October. Lighter	June to October. Heavier
Killarney ...	June. Lighter	May. Heavier.
Limerick ...	May. Lighter	May. Heavier.
Galway ...	—	—
Connemara ...	—	June ...
Ballinakill ...	—	End of June and first week in July. Heavier.
Bangor ...	March to April. Lighter	April to June. Lighter
Ballina ...	June. Average weight	Beginning of June. Heavier
Sligo ...	May and June. Heavier	June and July. Heavier
Ballyshannon ...	June. Heavier	End of May and June
Letterkenny ...	Cannot say	Cannot say
Londonderry ...	June, July and August. About the same.	June, July, and August. About the same.
Coleraine ...	June and July. About the same	July. About the same
Ballycastle ...	July and August. Slightly heavier	End of June to end of August. Lighter.
Dundalk ...	July. Lighter	July. Lighter
Drogheda ...	—	July. Lighter.

No. 18—*continued.*

CONSERVATORS relative to SALMON FISHERIES—*continued.*

In what months were the greatest quantities of Salmon (not Grilse) taken ?				DISTRICT.
1920.		1919.		
June and July, by nets to April by rods	February	June and July by nets ; to April, by rods.		Dublin.
April and May	...	April and May	...	Wexford.
February and March	...	May and June	...	Waterford
March to June	...	March to June	...	Lismore.
March to July	...	March to June.		Cork.
April and May	...	April and May		Cork (Bandon)
June and early July	...	June ...	...	Skibbereen
May and June	...	May and June	...	Bantry
June	...	May and July	...	Kenmare
January to June	...	January to July and from September 1st to end of season.		Waterville
January to April	...	January to April		Killarney
April ..	...	March and April	...	Limerick.
				Galway
April and May	...	June and July	...	Counemara
June	...	May	...	Ballinakill
April ..	...	April to June	...	Bangor.
May ..	...	April and May	...	Ballina
January, February and March	...	March and April	...	Sligo
June	...	June ...	...	Ballyshannon
June	...	June ...	...	Letterkenny.
June July and August	...	June, July, and August	...	Londonderry
May and June	...	June and July	...	Coleraine.
April and May	...	April and May	...	Ballycastle.
February, March, April and May	...	February to May	...	Dundalk
April and May	...	April and May.	...	Drogheda

APPENDIX

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	Can it be ascertained what proportion the capture of grilse bore to the capture of Salmon?									
	1920.					1919.				
Dublin	1 to 6					1 to 6				
Wexford	No.					1 to 4				
Waterford	No.					No				
Lismore	No.					No				
Cork	No. Grilse declining					No				
Cork (Bandon)	1 to 30. Bad grilse season					1 to 4. The best grilse season for 12 or 14 years.				
Skibbereen	No. Bad grilse season					3 to 2				
Bantry	4 to 1					10 to 1				
Kenmare	1 to 3					3 to 2				
Waterville	1 to 3					1 to 2				
Killarney	Salmon in excess					No				
Limerick	No					No				
Galway	—					No				
Connemara	6 to 1					About 10 to 1				
Ballinakill	No grilse					5 to 1				
Bangor	1 to 3					1 to 2				
Ballina	Capture of grilse exceeded that of salmon.					No				
Sligo	6 to 4					No				
Ballyshannon	1 to 2					3 to 2				
Letterkenny	No.					No				
Londonderry	No.					No				
Coleraine	2 to 1					2 to 1				
Ballycastle	8 or 9 to 3 in bag nets; 10 to 1 in drift nets.					5 to 2 in bag nets; 10 to 1 in drift nets.				
Dundalk	No.					No				
Drogheda	No.					No				

No. 18—*continued.*

CONSERVATORS relative to SALMON FISHERIES—*continued.*

Is there any increase in the average size of Spring Salmon? Give average weight of Salmon and Grilse in the season of this year as far as practicable.		DISTRICT.
1920	1919.	
Salmon, 12 lbs. ; Grilse, 6 lbs. ...	No ; Salmon, 12 lbs. ; grilse, 6 lbs....	Dublin.
Salmon, 11 lbs. ; Grilse, 5 lbs. ...	No ; Grilse 5 lbs.	Wexford.
Salmon, 18 lbs. ; Grilse, 5 lbs. ...	Salmon, 16 lbs. ; Grilse, 4 to 5 lbs.	Waterford.
Salmon, 10 to 30 lbs. ; Grilse, 4 to 7 lbs	Salmon, 10 to 30 lbs. ; Grilse, 3 to 7 lbs.	Lismore.
Salmon, 11 lbs. ; Grilse, 3 lbs. ...	Salmon, 9 lbs.	Cork.
Salmon, 12 lbs. ; Grilse, 5 lbs. ...	Salmon, 12 lbs. ; Grilse, 5 lbs.	Cork (Bandon).
Salmon, 12 lbs. ; Grilse, 5 lbs. ...	Salmon, 12 lbs. ; Grilse, 5 lbs.	Skibbereen.
No	No	Bantry
Salmon, 10 lbs. ; Grilse, 2 lbs. ...	Salmon, 11 lbs. ; Grilse, 5 to 6 lbs.	Kenmare
Salmon, 11 lbs. ; Grilse, 5 lbs. ...	Salmon, 11 lbs. ; Grilse, 6 lbs.	Waterville
Salmon, 7 lbs. ; Grilse, 4 lbs. ...	Salmon, 10½ lbs. ; Grilse, 5½ lbs.	Killarney.
Salmon, 13½ lbs. ; Grilse, 4½ lbs. ...	Salmon, 16 lbs. ; Grilse, 7½ lbs.	Limerick.
... ..	Cannot ascertain	Galway.
Salmon, 12 lbs. ; Grilse, 5½ lbs. ...	Salmon, 11 lbs. ; Grilse, 5½ lbs.	Connemara
Salmon, 11 lbs. ; Grilse, 5 lbs. ...	Salmon, 11 lbs. ; Grilse, 6 lbs.	Ballinakill
Salmon, 10½ lbs. ; Grilse, 4½ lbs. ...	Salmon, 9 lbs. ; Grilse, 5 lbs.	Bangor.
Salmon, 10½ lbs. ; Grilse, 5 lbs. ...	Salmon, 10½ lbs. ; Grilse, 6 lbs.	Ballina
Salmon, 8 to 14 lbs. ; Grilse, 4 lbs.	Salmon, 10 to 12 lbs. ; Grilse, 4 lbs.	Sligo.
Salmon, 15 lbs. ; Grilse, 5½ lbs. ...	No.	Ballyshannon
Cannot say	Salmon, 10 lbs. ; Grilse, 4 lbs.	Letterkenny
Salmon, 12 lbs. ; Grilse, 6½ lbs. ...	Salmon, 12½ lbs. ; Grilse, 7 lbs.	Londonderry.
Salmon, 12 lbs. ; Grilse, 6 lbs.	Salmon, 10 lbs. ; Grilse, 5 lbs.	Coleraue.
Salmon, 12 lbs. ; Grilse, 6 to 7 lbs.	Salmon, 10 to 14 lbs. ; Grilse, 5 to 6 lbs.	Eallycastle.
Salmon, 10 lbs. ; Grilse, 5 lbs. ...	Salmon, 14 lbs. ; Grilse, 5 lbs.	Dundalk.
Decrease in size.	No	Drogheda.

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	Has any sign of disease been observed among the Salmon during the year ? If so, describe it, and state if it has prevailed to any extent, and where ?										
	1920.					1919.					
Dublin	No	...	...	...	...	No	...	...	...	...	...
Wexford	No	...	...	...	...	No	...	...	...	...	...
Waterford	No	...	...	...	...	No	...	...	...	...	...
Lismore	No	...	...	...	...	No	...	...	...	...	...
Cork	No	...	...	...	...	No	...	...	...	...	...
Cork (Bandon)	No	...	...	...	...	No	...	...	...	...	...
Skibbereen	No	...	...	...	...	No	...	...	...	...	...
Bantry	No	...	...	...	...	No	...	...	...	...	...
Kenmare	No	...	...	...	...	No	...	...	...	...	...
Waterville	No	...	...	...	...	No	...	...	...	...	...
Killarney	No	...	...	...	...	No	...	...	...	...	...
Limerick	No	...	...	...	...	No	...	...	...	...	...
Galway	No	...	...	...	...	No	...	...	...	...	...
Connemara	No	...	...	...	...	No	...	...	...	...	...
Baltinakill	No	...	...	...	...	No	...	...	...	...	...
Bangor	No	...	...	...	...	No	...	...	...	...	...
Ballina	No	...	...	...	...	No	...	...	...	...	...
Sligo	No	...	...	...	...	Yes	...	...	...	...	...
Ballyshannon	No	...	...	...	...	No	...	...	...	...	...
Letterkenny	No	...	...	...	...	No.	...	...	...	...	...
Londonderry	No	...	...	...	...	A few spawning fish were affected with fungus.					
Coleraine	No	...	...	...	...	No	...	...	...	...	...
Ballycastle	No	...	...	...	...	No	...	...	...	...	...
Dundalk	No	...	...	...	...	No	...	...	...	...	...
Drogheda	No	...	...	...	...	No	...	...	...	...	...

No. 18—*continued.*

CONSERVATORS relative to SALMON FISHERIES.—*continued.*

Can you give any information about the run of Salmon and Grilse in each month of the close season.		DISTRICT.
1920.	1919.	
A good number of salmon ran in December and January. Some grilse seen in August and September.	A good run of salmon took place in the Liffey in the end of December and January; very few grilse observed.	Dublin
No; except principal runs in November and December.	The largest runs took place from October to December.	Wexford
No.	No.	Waterford
A good run of salmon took place during October and November in the main river only.	A good run of salmon took place in the main river in October and November.	Lismore
No.	Very few fish ran until the end of November owing to low state of water.	Cork
No.	A run of salmon and grilse took place in November. No fish ran in October owing to lowness of water.	Cork (Bandon)
No.	No.	Skibbereen
No.	No.	Bantry
No.	No.	Kenmare
Salmon ran each month; grilse from June to end of year.	Salmon ran each month; no grilse observed.	Waterville
Salmon ran in slightly larger quantities, and grilse in slightly smaller quantities.	A large run of salmon took place from end of October to first week in November; not many grilse observed.	Killarney
There was a run during October and November.	A late run took place during September, October, and November.	Limerick
A certain number of runs took place each month of the year.	—	Galway
There is no run from the sea during the close season, except a few spring salmon. Breeding fish run from the lower and middle waters to the upper reaches and the spawning grounds during November and December.	No run from the sea during the close season. Runs of breeding fish from the lower and middle waters to the upper reaches and spawning grounds took place during November and December.	Connemara
No.	No.	Ballinakill
No.	No.	Bangor
No.	No.	Ballina
No.	No.	Sligo
No.	No.	Ballyshannon
No.	No.	Letterkenny
No run of salmon since the close of past open season.	No.	Londonderry
Salmon ran with each flood from March to end of October.	The principal runs took place in October and November.	Coleraine
A few fish enter from the sea during the close season. There is always a big run of fish in the upper reaches in October and November. Fish run late in the Glendun, Glencloy, and Cushendall Rivers.	Few fish enter the Bush River from the sea during the close season. In the upper reaches and in the Margey and Glenesh Rivers the principal runs take place from the end of September to the beginning of November. Fish run late in the Glendun, Glencloy and Cushendall Rivers.	Ballycastle
Unusually large run of salmon was observed towards the end of October and during November.	A large run of salmon took place early in December.	Dundalk
No.	No.	Drogheda

APPENDIX

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	Have there been any cases of poisoning the rivers in the District? If so, give particulars of the different cases, and if by Lime, Spurge, or Flax Water.	
	1920.	1919.
Dublin ..	Occasional pollution by effluent from distillery.	No
Wexford ..	No. .. .	No
Waterford ..	No. .. .	No
Lismore ..	No. .. .	No
Cork ..	Two cases of poisoning by spurge.	Cases of destruction of fish by spurge and dynamite took place.
Cork (Bandon)	Two cases by spurge and two cases of use of dynamite.	Six cases of poisoning by spurge.
Skibbereen ..	No. .. .	One case of poisoning by spurge ..
Bantry ..	Poisoning by spurge in all the rivers. ..	Cases of destruction of fish by spurge and by explosives are recorded.
Kernare ..	Ten cases of poisoning in River Roughty, one case in Blackwater River, three cases in Sheen River and four cases in Slaheny River.	Four cases of poisoning by spurge in River Roughty, two cases in Slaheny River, and one case in River Sheen.
Waterville ..	No. .. .	No
Killarney ..	One case of poisoning by lime. ..	One case of poisoning by lime, and one of the use of explosives in the River Maine: one case of poisoning by lime in River Brown Flesk.
Limerick ..	No. .. .	Two cases of attempted poisoning in River Feale. No fish destroyed.
Galway ..	No. .. .	No
Connemara ..	No. .. .	No
Ballinakill ..	No. .. .	No
Baginbun ..	No. .. .	No
Ballina ..	A reduced number of cases of poisoning by flax water.	Cases of flax water pollution are recorded. ..
Sligo ..	Cases recorded of fish destroyed by dynamite and flax water.	Cases of fish destroyed are recorded from use of lime, dynamite, and flax water pollution.
Ballyshannon ..	No. .. .	No
Letterkenny ..	Poisoning by flax water took place	One case of flax water pollution ..
Londonderry ..	Great destruction of fish by flax water ..	Unlimited destruction of fry and their food by flax water.
Coleraine ..	Forty-five cases of poisoning by flax water	About forty cases of flax water pollution, three cases of poisoning by lime, and one case of the use of explosives.
Ballycastle ..	Some cases of flax water pollution.	No specific cases of poisoning observed or reported, but salmon fry were destroyed in the River Bush, tributaries, and other rivers.
Dundalk ..	Cases of poisoning by flax water have occurred	Eight cases of poisoning rivers by flax water ..
Drogheda ..	Cases of poisoning by flax water ..	No

No. 18—*continued.*

CONSERVATORS relative to SALMON FISHERIES—*continued.*

Have offences against the Fishery Laws increased or diminished? What proportion (approximately) may be attributed to those who took out licences and those who did not?		DISTRICT.
1920.	1919.	
Diminished. Mostly by unlicensed persons.	Diminished. Offences chiefly by unlicensed persons.	Dublin.
Diminished. Mostly by unlicensed persons.	Diminished	Wexford.
Diminished.	Diminished	Waterford.
Diminished. Mostly by licensed persons.	Diminished. Offences chiefly by unlicensed persons.	Lismore.
None	Increased. Two offences by licensed persons.	Cork.
Diminished. Mostly by unlicensed persons.	Increased. Offences by unlicensed persons.	Cork (Bandon).
Diminished. Offences by unlicensed persons.	Diminished. No offence by licensed persons.	Skibbereen
Increased. Offences by unlicensed persons.	Increased. Offences by unlicensed persons.	Bantry.
Increased. No offences committed by licensed persons...	About the same. No offence by licensed persons.	Keemare.
Increased. No offences by licensed persons.	Normal; one offence committed by unlicensed person.	Waterville.
Diminished. Practically all by unlicensed persons.	About the same; proportion of offences committed by non-licensed persons to licensed persons was 10 to 1.	Killarney
Diminished		Limerick.
Diminished. No offences by licensed persons.	Increased; no offences by licensed persons.	Galway.
Diminished. No offences by licensed persons.	Diminished	Connemara.
Increased. No offences by licensed persons.	Slight increase	Ballinakill.
Increased	Diminished	Bangor.
Diminished. No offences by licensed persons.	Increased	Ballina.
Increased	Increased considerably	Sligo.
Diminished	Diminished	Ballyshannon
Increased	Diminished	Letterkenny.
Poaching offences diminished. Flax water offences increased.	Flax water offences increased; other offences diminished.	Londonderry.
Diminished. Very few offences by licensed persons.	About the same. Very few offences by licensed persons.	Coleraine.
Diminished. No offences by licensed persons.	Diminished. No offences by licensed persons.	Ballycastle.
No change. One-fourth of offences by licensed persons.	Diminished. No offence by licensed persons.	Dundalk.
Diminished	Diminished	Drogheda.

APPENDIX

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	Has the quantity of Breeding Fish observed in the rivers in your District during this winter been greater or less as compared with last winter ?									
	1920.					1919.				
Dublin	Greater	..	..	..	..	About the same	...	...	...	...
Wexford	Greater	...	..	..	..	About the same	...	...	...	...
Waterford	About the same	..	..	..	..	Greater	...	...	...	...
Lismore	Greater	...	..	..	..	Much greater	...	...	...	...
Cork ...	Greater	...	..	..	..	About the average	...	...	...	...
Cork (Bandon)	Very much greater	..	..	..	..	About the same	...	...	...	...
Skibbereen	About the same	..	..	..	..	No change observed	...	...	...	...
Bantry	Less	..	..	..	..	Less	...	...	...	...
Kenmare	Greater in some ; less in others	..	..	..	..	About the same	...	...	...	...
Waterville	About the same	...	..	..	..	Greater	...	...	...	...
Killarney	Greater in Rivers Laune and Maine ; less in tributary rivers.	...	...	...	...	Greater	...	...	...	...
Limerick	Greater	...	...	...	..	Much greater	...	...	...	...
Galway	Brown trout greater ; salmon less	...	...	...	...	Less	...	...	...	...
Connemara	Trout greater ; salmon less	..	..	..	..	Greater than for several years ; especially salmon	...	...	...	...
Ballinakill	About the same	...	..	..	..	Less, except in River Delphi	...	...	...	...
Bangor	Much greater	...	...	...	..	Greater	...	...	...	...
Ballina	Slightly less	..	...	...	..	Greater	...	...	...	...
Sligo	Greater	...	...	...	..	Greater	...	...	...	...
Ballyshannon	Less	...	...	...	..	Less	...	...	...	...
Letterkenny	About the same	...	...	...	..	Unusual quantity of spawning fish on Lackagh River ; about the same elsewhere	...	...	...	...
Londonderry	Less	...	...	...	..	Greater	...	...	...	...
Coleraine	Trout greater ; salmon less	..	..	..	..	Much greater	...	...	...	...
Ballycastle	Greater	...	...	...	..	Average hardly maintained	...	...	...	...
Dundalk	About the same	...	...	...	..	Slightly greater	...	...	...	...
Drogheda	Greater	...	...	...	...	About the same	...	...	...	...

No. 18—*continued.*

CONSERVATORS relative to SALMON FISHERIES.—*continued.*

In what Rivers has the quantity of Breeding Fish increased					DISTRICT.			
1920.				1919.				
Liffey ..	..	..	..	None	..	..	..	Dublin.
Slaney	..	..	..	In River Slaney from Newtownbarry to Baltinglass.	..	..	..	Wexford.
None ..	..	..	..	In Rivers Suir, Nore, and Barrow ...	..	..	..	Waterford.
Blackwater	..	..	..	In the main river ...	..	..	..	Lismore
All rivers	..	..	..	In none	..	..	..	Cork.
All rivers in District	..	..	..	In none	..	..	..	Cork (Bandon).
None ..	..	..	..	In none	..	..	..	Skibbereen.
None ..	..	..	..	In none	..	..	..	Bantry.
In rivers Blackwater, Sheen and Derreen	..	..	..	No. In none	..	..	..	Kenmare.
None ..	..	..	..	In all rivers	..	..	..	Waterville
Lanne and Maine	..	..	..	In all rivers except mountain tributaries.	..	..	..	Killarney.
In Rivers Boyle, Suverla and Feale	..	..	..	In all rivers	..	..	..	Limerick.
Brown trout in all rivers ..	..	..	..	In none	..	..	..	Galway.
Trout increased in all rivers	..	..	..	In all rivers	..	..	..	Connemara.
None ..	..	..	..	In River Delphi	..	..	..	Ballinakill.
Owenduff, Newport, Yellow, Shramore, Bangor and Glenamoy.	..	..	..	In Rivers Owenmore, Glencullen, Glenturk, Ballinaboy and Owen-garve.	..	..	..	Rangor.
Trimogue	..	..	..	In Rivers Moy and Rathfrank	..	..	..	Ballina.
All rivers in District	..	..	..	In all rivers	..	..	..	Sligo.
None ..	..	..	..	In none	..	..	..	Ballyshannon.
None ..	..	..	..	In Lackagh River	..	..	..	Letterkenny.
None ..	..	..	..	In all rivers	..	..	..	Londonderry.
In all rivers trout increased: salmon in none.	..	..	..	In all rivers	..	..	..	Coleraine
Bush and Glenarm	..	..	..	In none	..	..	..	Ballycastle.
None ..	..	..	..	In all rivers	..	..	..	Dundalk.
Mattock, Carlinstown, Stonypore, Castlegordan, Deal, Longwood and Blackwater.	..	..	..	In all rivers	..	..	..	Drogheda.

SUBSTANCE of REPORTS received from Clerks of

DISTRICT.	In what Rivers has the quantity of Breeding Fish decreased?	
	1920.	1919.
Dublin	In none	In none
Wexford	In Rivers Berreen, Boro, Urin and Douglas.	In River Slaney above Baltinglass ...
Waterford	None ..	In none ...
Lismore	In all the tributaries	In all the tributaries ...
Cork ...	In none ..	In none ...
Cork (Bandon)	In none ..	No change observed ...
Skibbereen ...	In none ..	In none ...
Bantry	In all ..	In all rivers ...
Kenmare	In River Roughly ..	In none — ...
Waterville	In none ..	In none ...
Killarney	In Rivers Giddock, Lowe and tributaries of the Laune and Maine.	In none, except in the mountain tributaries ...
Limerick	In none ..	In none ...
Galway	Salmon in all with the exception of River Maam	In all rivers ...
Connemara ...	Salmon slightly decreased in all rivers.	In none ...
Ballinakill	In none ..	In River Erriff and tributaries ...
Bangor	In River Glenamoe ..	—
Ballina	In River Bunree ..	In none ...
Sligo ...	In none ..	In none ...
Ballyshannon	In all ..	In all rivers generally ...
Letterkenny ...	In none ..	—
Londonderry...	In all ..	In none ...
Coleraine	In all ..	In none ...
Ballycastle ...	In River Glendun ..	—
Dundalk	In none ..	In none ...
Drogheda	In none ..	In none ...

No. 18—*continued.*

CONSERVATORS relative to SALMON FISHERIES—*continued.*

Was the state of the Rivers favourable or unfavourable to spawning, and to the protection of spawning and spent fish and young fry?		DISTRICT.
1920.	1919.	
Favourable in all rivers in the District.	Favourable in all rivers	Dublin.
Favourable	Unfavourable	Wexford.
Favourable in all rivers	Water very low in all tributaries, but favourable in main rivers.	Waterford.
Very favourable	Most favourable to spawning and favourable to spent fish and young fry in all rivers.	Lismore.
Unfavourable early in season; favourable later.	Unfavourable early in season owing to low state of water, favourable later.	Cork.
Favourable	Favourable, except in January, during heavy floods.	Cork (Bandon).
Favourable	Favourable in all rivers	Skibbereen.
Favourable in all rivers	Favourable in all rivers	Bantry.
Favourable in all rivers	Favourable in all rivers	Keemare.
Favourable	Favourable	Waterville.
Favourable to spawning	Favourable; unfavourable to protection of early run of fish owing to lowness of rivers, favourable later.	Killarney.
Very Favourable	Very favourable.	Limerick.
Favourable in all rivers	Favourable	Galway.
Favourable except from 10th to 18th December.	Favourable	Connemara.
Favourable	Unfavourable except in River Delphi	Ballinakill.
Favourable	Favourable	Bangor.
Favourable in all rivers	Favourable	Ballina.
Unfavourable owing to floods ..	Unfavourable owing to heavy floods.	Sligo.
Favourable	Favourable	Ballyshannon.
Favourable at beginning of season; unfavourable at end of season.	Favourable	Letterkenny.
Favourable in all rivers	Favourable	Londonderry.
Favourable	Favourable	Coleraine.
Favourable for protection, but floods may have swept away young fry.	Favourable on the whole	Ballycastle.
Favourable for protection but floods may have swept away young fry.	Favourable	Dundalk.
Favourable	Unfavourable previous to December; favourable afterwards.	Drogheda.

APPENDIX No. 18—continued.

SUBSTANCE of REPORTS received from Clerks of CONSERVATORS relative to
SALMON FISHERIES—continued.

DISTRICT.	Any particular observations regarding Breeding Fish	
	1920.	1919.
Dublin	—	—
Wexford	—	—
Waterford	—	—
Lismore	—	—
Cork ...	Late fish appear to be larger.	—
Cork (Bandon)	Spawning was earlier than usual	—
Skibbereen ...	—	—
Bantry	—	—
Kenmare	—	Owing to the exceptionally dry season salmon were unable to get up the rivers and were caught in nets in lower waters.
Waterville	—	
Killarney	—	
Limerick	—	
Galway	—	
Connemara ...	Last salmon observed spawning on 12th January in Glen Inagh river.	—
Ballinakill	—	—
Bangor	—	—
Ballina	Water was high throughout the spawning season which prevented poaching.	—
Sligo ...	—	—
Ballyshannon	—	—
Letterkenny ...	—	—
Londonderry...	—	—
Coleraine	Among salmon captured for hatching purposes there was an average of four females to one male	Spawning fish were much larger. Of the fish taken for hatchery purposes there was an average of three females to one male.
Ballycastle ...	—	—
Dundalk	—	—
Drogheda	—	—

APPENDIX NO. 19.

ABSTRACT of BY-LAWS, ORDERS, &c., which have come into force since the date of the Report for the year 1919.

SEA FISHERIES.

Netting—Dublin Bay,—Dated 10th November, 1919.

1. Prohibiting to anchor, moor, or make fast, for the purpose of, or a ny purpose accessory to, fishing with a Net known as a Danish Seine (or any Seine or Draft Net by whatsoever name known) hauled by steam or motor power, any boat, buoy, pole or other contrivance in such a manner that it shall be or come within an area bounded by the West Pier at Kingstown, a straight line drawn from the Lighthouse at the seaward end of the said Pier to the Bull Lighthouse, the North Bull Wall, and the coast of County Dublin.

2. Prohibiting to use any warp or warps exceeding in length four hundred fathoms attached to either wing of any Net hauled by steam or motor power in any part of Dublin Bay within or to the Westward of a limit formed by straight lines (1) from the Bailey Lighthouse to the Easternmost point of the Rocks called the "Mugglins"; (2) thence to the Southern point of Dalkey Island, and (3) thence across Dalkey Sound, in the direction of the Signal Station on Killiney Hill.

3. Prohibiting to fish by means of steam or motor power in any part of Dublin Bay within or to the Westward of a limit formed by straight lines (1) from the Bailey Lighthouse to the Easternmost point of the Rocks called the "Mugglins"; (2) thence to the Southern point of Dalkey Island, and (3) thence across Dalkey Sound, in the direction of the Signal Station on Killiney Hill, any Seine or Draft Net, by whatsoever name known, having in any part thereof any mesh less than Two Inches between each knot or Eight Inches in the round, such measurements to be taken in the clear when the Net is wet.

General—Coast of County Cork.—Dated 8th April, 1920.

It is hereby prohibited to put, leave, or have in possession, or permit any person or persons to put or leave on any Quay, Pier, Slip, or other structure, or in any Dockyard or Boat Yard or any place in or adjoining the Tidal Waters, inside or to the North of a straight line drawn in the direction of Templebreedy Church from the Lighthouse at Roche's Point on the East to the Mainland on the West, any Net having in any part thereof any mesh greater than two and one half inches between each knot or Ten Inches in the round, such measurements to be taken in the clear when the Net is wet.

SALMON AND TROUT, &c.

BALLINAKILL DISTRICT,

Owenglin or Clifden River,—Dated 3rd February, 1920.

Prohibiting to capture, or attempt to capture, on or after the fifteenth day of May, in any year, any kind of fish in that part of the Owenglin or Clifden River which is situated between the Bridges known as the Ardbear New Bridge and the Ardbear Old Bridge respectively across the said River in the Townlands of Clifden and Ardbear, both in the Barony of Ballynahinch and County of Galway.

CONNEMARA DISTRICT,**River Ballinahinch and its Lakes and Tributaries,—Dated 20th April, 1920**

Prohibiting during the month of October in each year to use or have in possession, for the purpose of taking fish, in or on the Banks of the River Ballinahinch and its Lakes and Tributaries or in any boat on such Waters aforesaid any Gaff or any Lure other than artificial flies mounted on single hooks, or any Hook, Flight, or arrangement of Hooks susceptible of use with any other Lure or Bait.

CLOSE SEASON.**COLERAINE DISTRICT,****Whole District,—Dated 5th March 1920.**

Enacting that the Close Time during which it shall not be lawful to kill, take or destroy Trout by means of Nets and all other Engines save Single Rod and Line—in or from any portion of the Tidal Waters of the said No. 15¹ or Coleraine District shall be from the 20th day of August to the 3rd day of February in the year following, both said days inclusive.

And Enacting that the Close Time during which it shall not be lawful to kill, take, or destroy Trout by means of Nets and all other Engines—save Single Rod and Line—in or from any portion of the Fresh Waters of the said No. 15² or Coleraine District shall be from the 20th day of August to the last day of February in the year following, both said days inclusive.

Nothing contained in the foregoing By-Laws shall affect the Close Season for Pollen in Lough Neagh as fixed by the Pollen Fishing (Ireland) Act, 1881.

CONNEMARA DISTRICT.**River Ballinahinch and its Lakes and Tributaries.—Dated 23rd April, 1920.**

Enacting that the Close Time during which no Fish of the Salmon or Trout kind shall be killed, destroyed or taken by means of Single Rod and Line, in or from the said River Ballinahinch and its Lakes and Tributaries, shall be from the 15th day of October in each Year to the 31st day of January in the year following, both said days inclusive.

BANGOR DISTRICT.**Newport River and its Lakes and Tributaries.—Dated 17th May, 1920.**

Enacting that the Close Time during which no Fish of the Salmon or Trout kind shall be killed, destroyed or taken by means of Single Rod and Line, in or from the said Newport River and its Lakes and Tributaries, shall be from the First day of October in each Year to the Nineteenth day of March in the Year following, both said days inclusive.

OYSTER FISHERIES.**Coasts of Dublin, Wicklow, and Wexford.—Dated 5th April, 1921.**

Revoking Order in Council, dated 23rd April, 1869, prohibiting between 30th April and 1st September in each year the dredging for, taking, catching or destroying any Oyster or Oyster Brood in certain extra-territorial water off the East and South East Coast of Ireland between Lambay Island County Dublin and Carnsore Point County Wexford.

